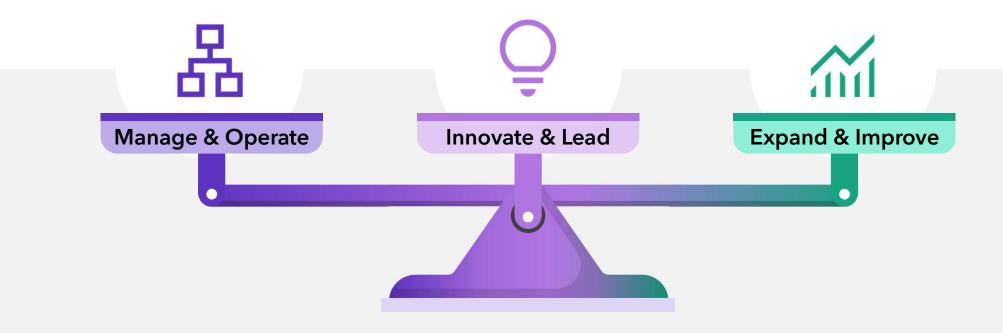


# Today, Tomorrow and the Day After







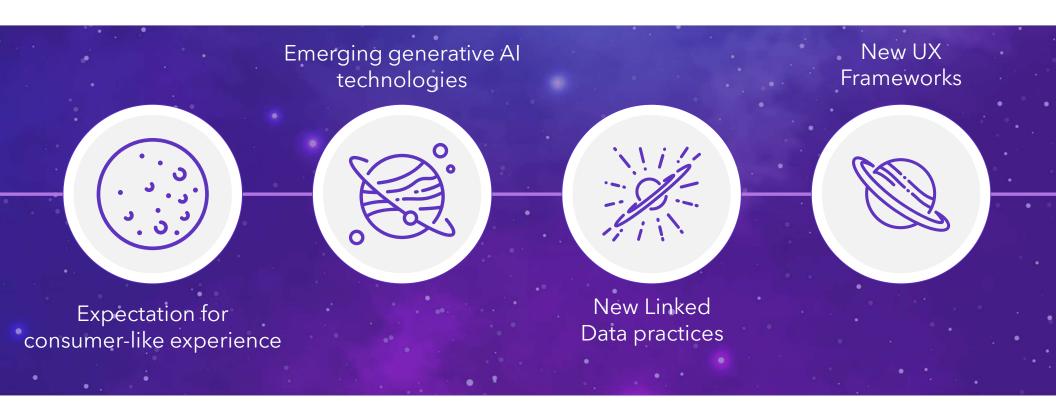
### **Constant Innovation Mode**







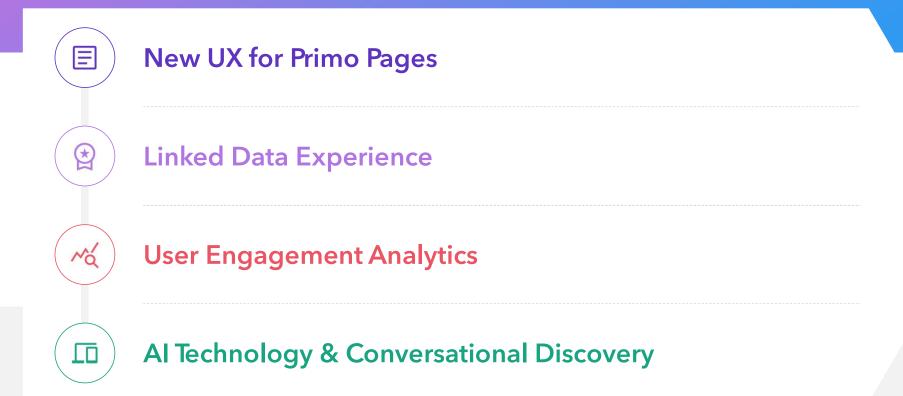
### The Stars are Aligning for the Next Discovery Experience







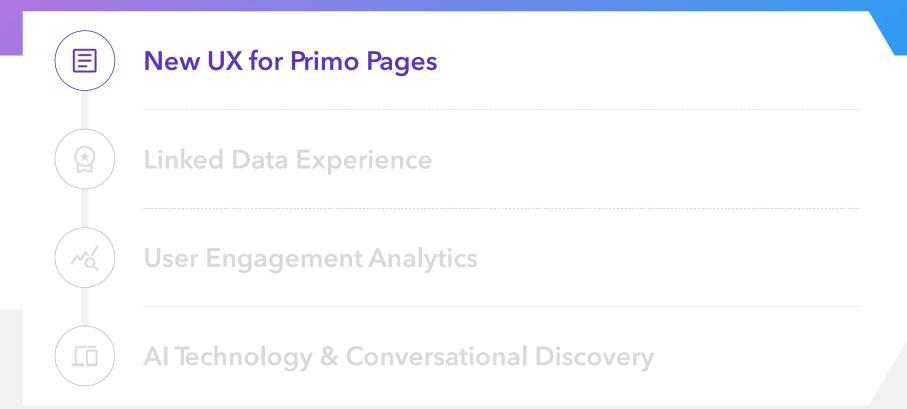
# Our Path to the Next Discovery Experience







# Our Path to the Next Discovery Experience







# **NDE UX Focus** Group



### Commissioned by the Primo working group



### Current group members

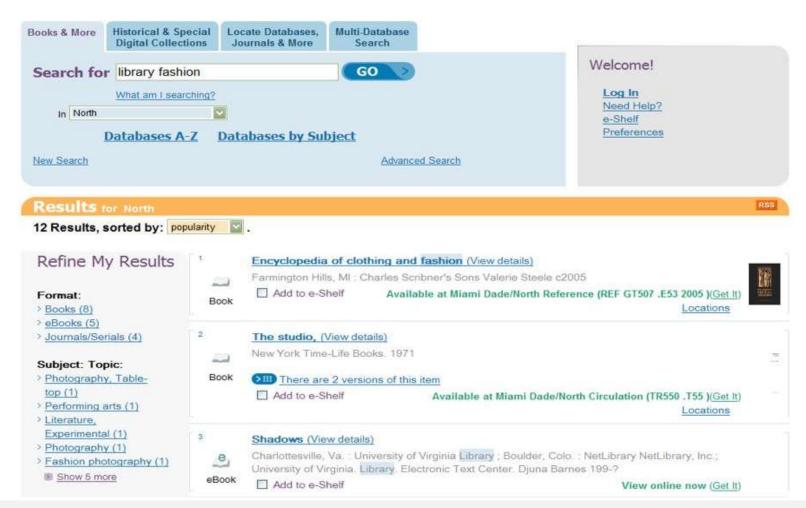
- SUNY
- York University
- Harvard
- Kentucky University
- Haifa University
- Universität Basel



Ongoing collaboration and discussions on different UX elements



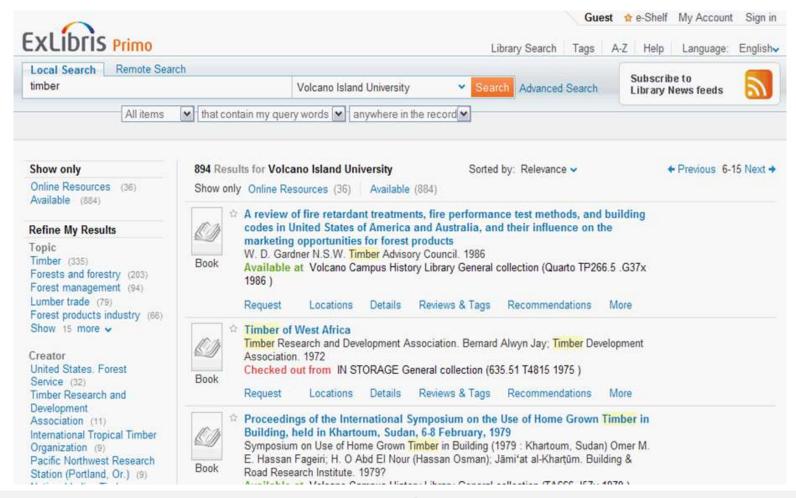




### **Primo Version I**



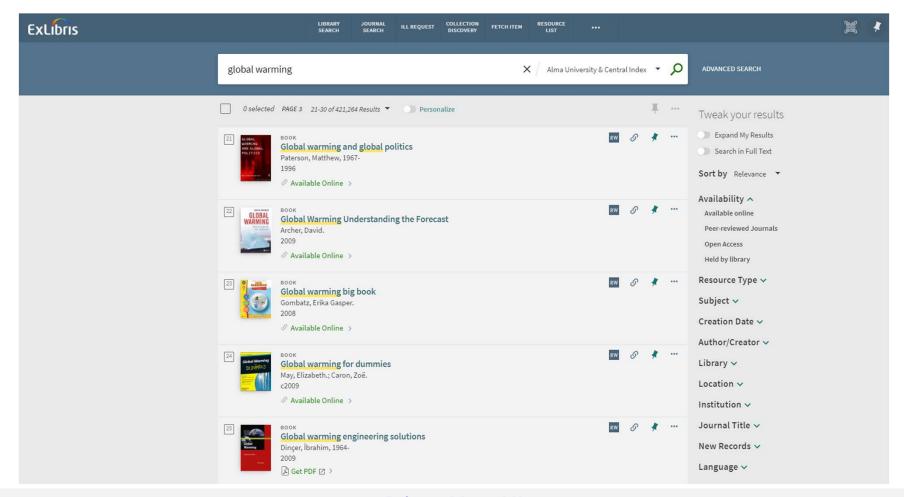




### **Primo Classic**



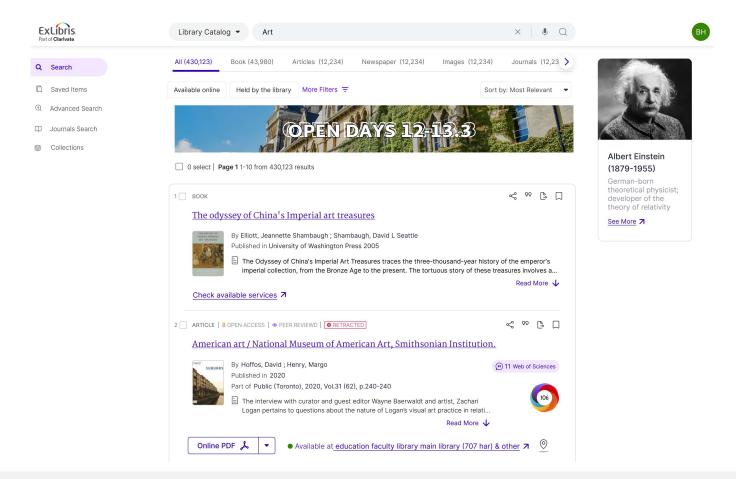




### **Primo New UI**





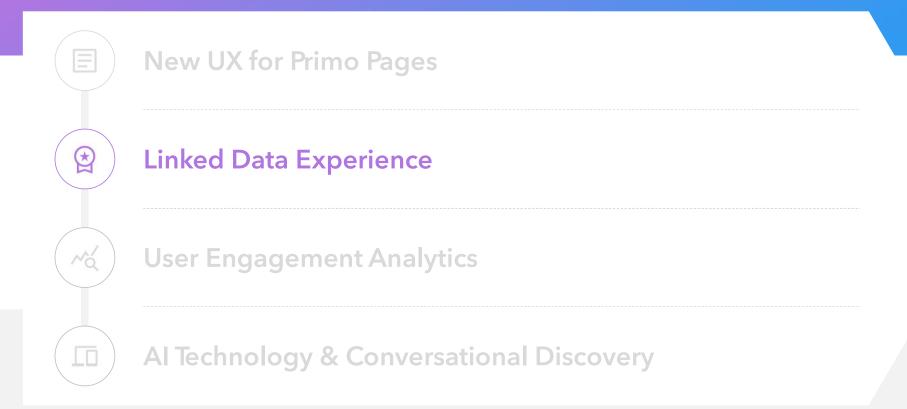


### **Primo NDE**



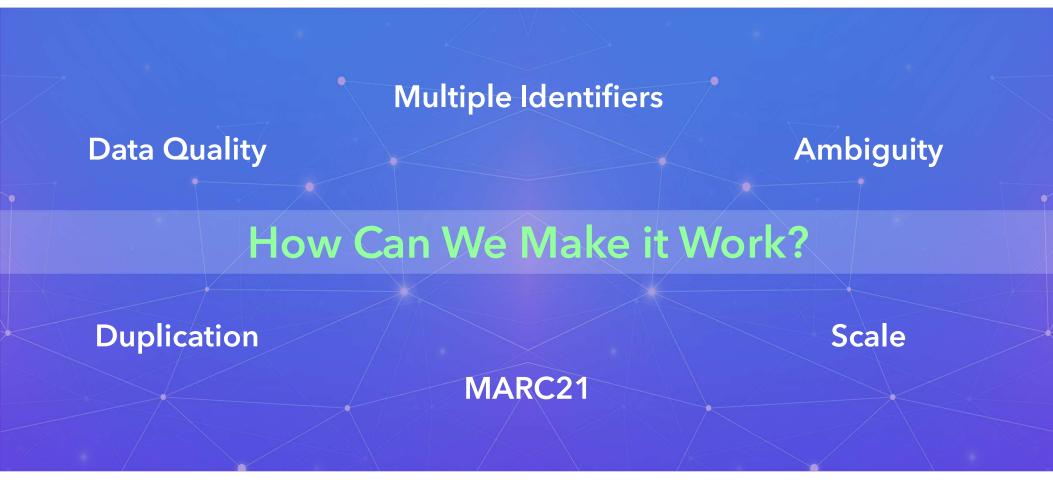


## Our Path to the Next Discovery Experience





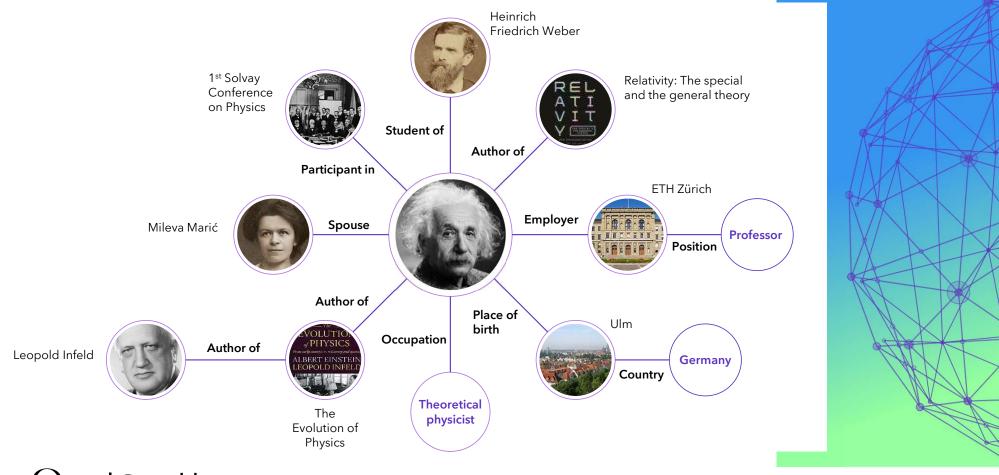








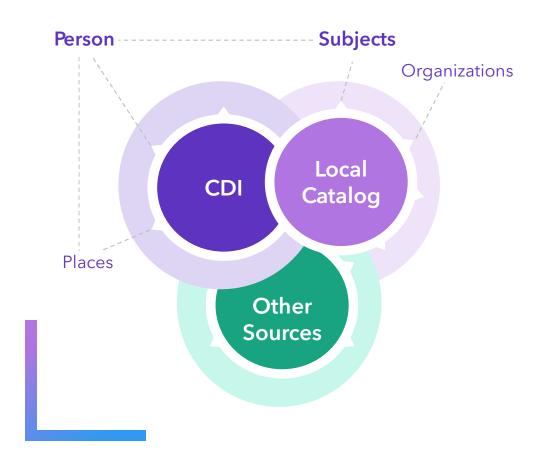
### **Connecting Entities for a Richer Discovery Experience**

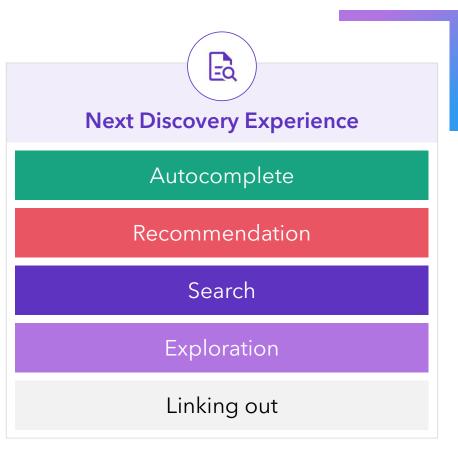






### **New Linked Data Network**

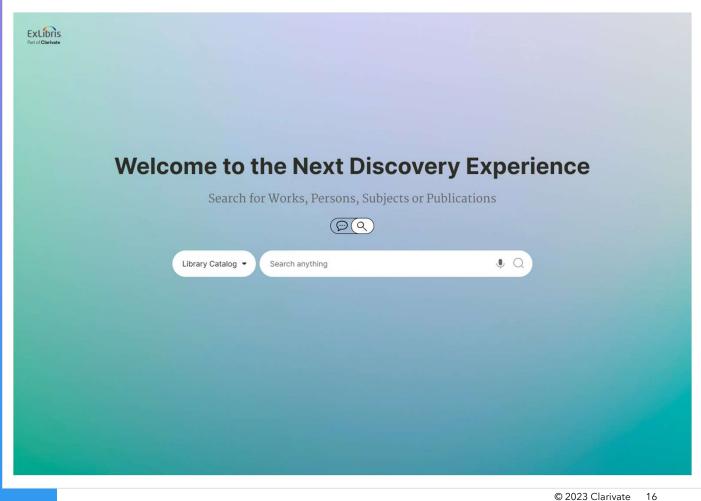






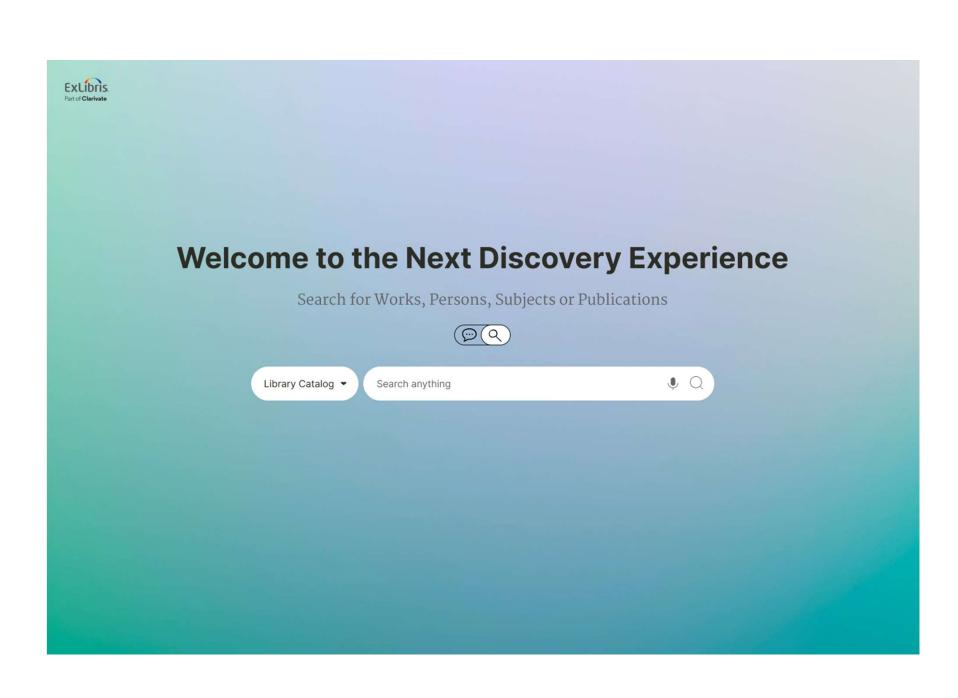


How will the Next **Discovery Experience** leverage a person entity to reach its triplets?







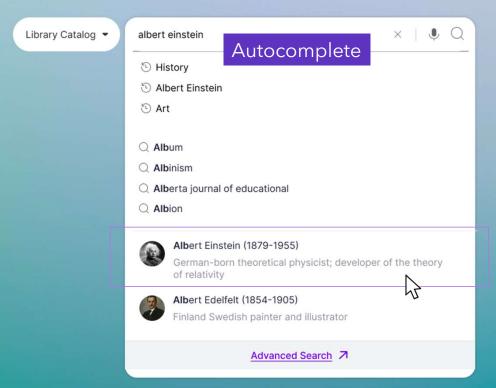




# **Welcome to the Next Discovery Experience**

Search for Works, Persons, Subjects or Publications





Library Catalog -

Search anything









Saved Items

Advanced Search

Journals Search

Collections



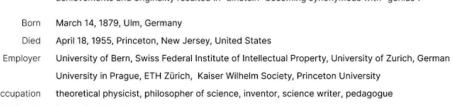
German-born theoretical physicist; developer of the theory of relativity

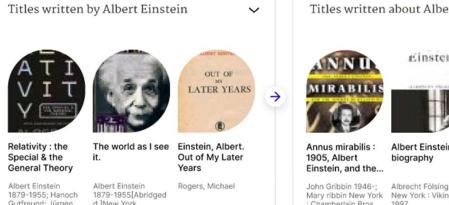


Albert Einstein was a German-born theoretical physicist, widely acknowledged to be one of the greatest physicists of all time. Einstein is known for developing the theory of relativity, but he also made important contributions to the development of the theory of quantum mechanics. Relativity and quantum mechanics are together the two pillars of modern physics. His mass-energy equivalence formula E = mc2, which arises from relativity theory, has been dubbed "the world's most famous equation". His work is also known for its influence on the philosophy of science. He received the 1921 Nobel Prize in Physics "for his services to theoretical physics, and especially for his discovery of the law of the photoelectric effect", a pivotal step in the development of quantum theory. His intellectual achievements and originality resulted in "Einstein" becoming synonymous with "genius".

Occupation

Field of work theoretical physics









Library Catalog ▼

Search anything

### Person/Title Relationships



Saved Items

Advanced Search

Journals Search

### Albert Einstein | 1879-1955

German-born theoretical physicist; developer of the theory of relativity



Albert Einstein was a German-born theoretical physicist, widely acknowledged to be one of the greatest physicists of all time. Einstein is known for developing the theory of relativity, but he also made important contributions to the development of the theory of quantum mechanics. Relativity and quantum mechanics are together the two pillars of modern physics. His mass-energy equivalence formula E = mc2, which arises from relativity theory, has been dubbed "the world's most famous equation". His work is also known for its influence on the philosophy of science. He received the 1921 Nobel Prize in Physics "for his services to theoretical physics, and especially for his discovery of the law of the photoelectric effect", a pivotal step in the development of quantum theory. His intellectual achievements and originality resulted in "Einstein" becoming synonymous with "genius".

Born March 14, 1879, Ulm, Germany

Died April 18, 1955, Princeton, New Jersey, United States

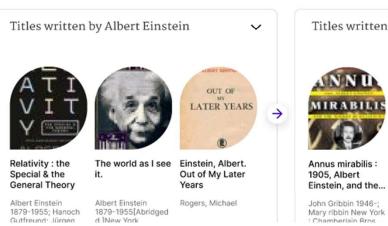
Employer University of Bern, Swiss Federal Institute of Intellectual Property, University of Zurich, German

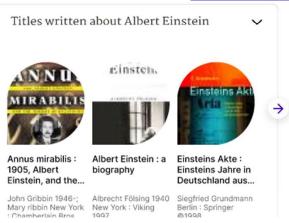
University in Prague, ETH Zürich, Kaiser Wilhelm Society, Princeton University

Occupation theoretical physicist, philosopher of science, inventor, science writer, pedagogue

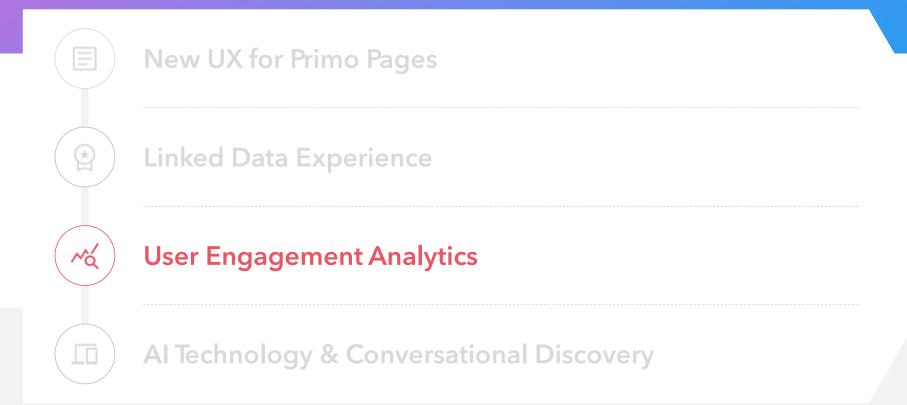
Field of work theoretical physics

### Person/Person Relationships





# Our Path to the Next Discovery Experience





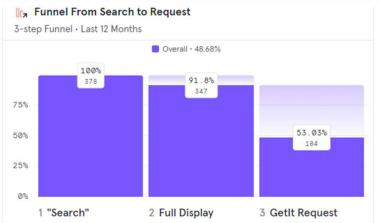


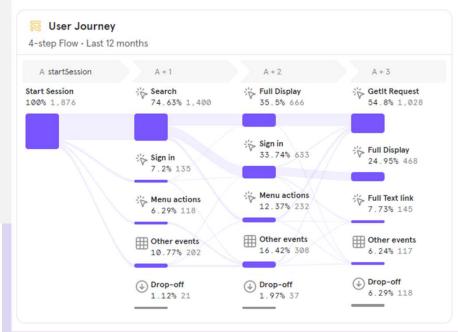
# User Engagement Analytics

Stepping up to a new cutting-edge powerful analytics tool, powered by

# mixpanel









### **Must Attend Session on Wednesday!**



# **Zooming into the Next Discovery Experience**

Wednesday, September 13th, 10:20 AM-10:50 AM **Room AV 00.17** 

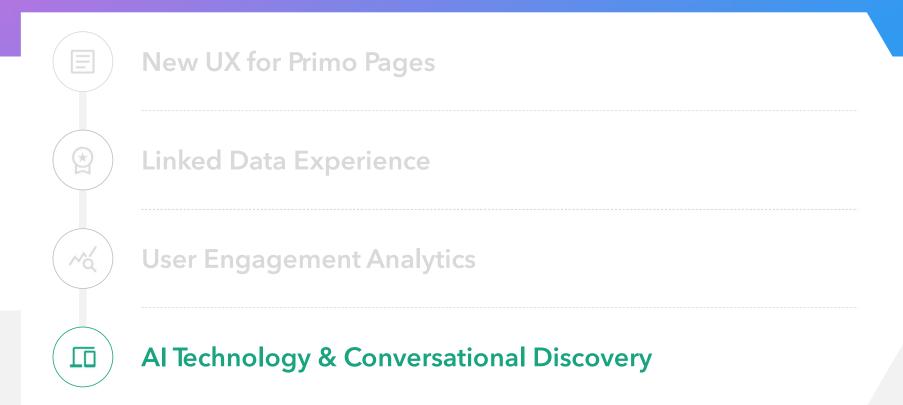


**Yisrael Kuchar** S. Director, Product Management





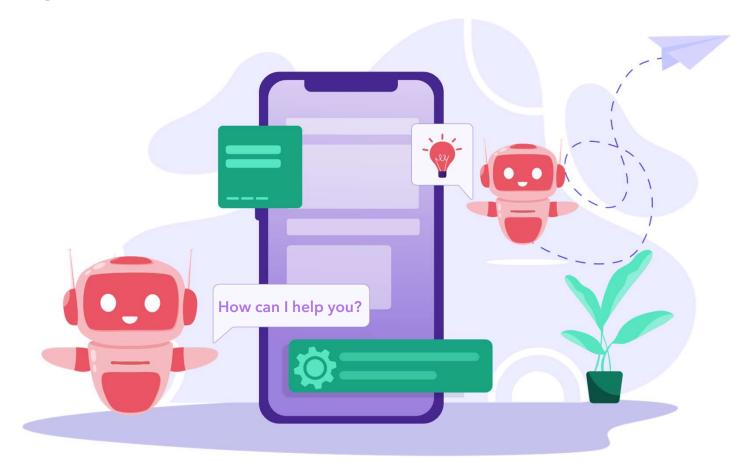
## Our Path to the Next Discovery Experience







# **Al Seasoning**







# **Examples of** Al Seasoning



### Natural language search

Allow users to ask questions instead of having to formulate search queries



### Work summaries

Structured summaries to see at one glance what a work is about



### **Recommendations** (examples)

- Suggest other works of the same topic, with a different viewpoint, adding additional aspects
- Suggest related and additional topics to search
- Suggest images or data sets to be used with a work
- Suggest similar queries









# The Main Course -

Conversational Discovery on a Diverse, Trusted & Scholarly Collections

Quantum leap for teaching, learning and research



# **Conversational Discovery Concerns**





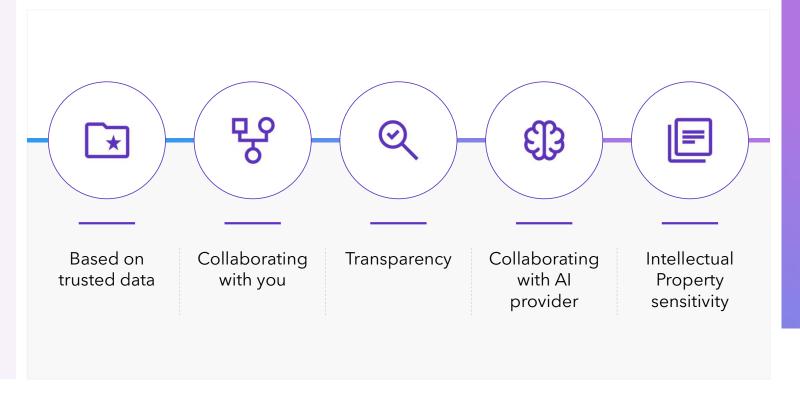






# Progress is happening...Let's adapt and adopt

# **Making it** Work







# **Welcome to the Next Discovery Experience**

Conversational Discovery



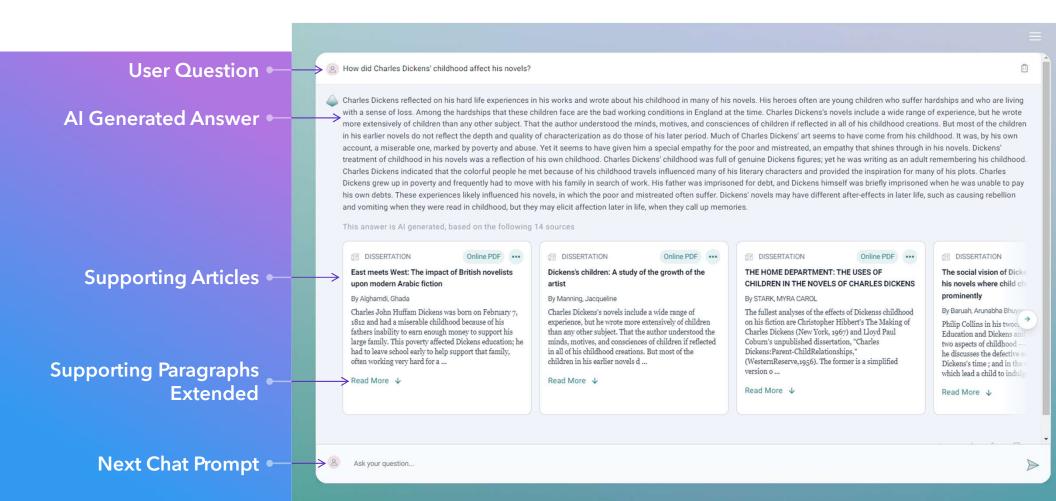


# **Welcome to the Next Discovery Experience**

Conversational Discovery











A How did Charles Dickens' childhood affect his novels?



Charles Dickens reflected on his hard life experiences in his works and wrote about his childhood in many of his novels. His heroes often are young children who suffer hardships and who are living with a sense of loss. Among the hardships that these children face are the bad working conditions in England at the time. Charles Dickens's novels include a wide range of experience, but he wrote more extensively of children than any other subject. That the author understood the minds, motives, and consciences of children if reflected in all of his childhood creations. But most of the children in his earlier novels do not reflect the depth and quality of characterization as do those of his later period. Much of Charles Dickens' art seems to have come from his childhood. It was, by his own account, a miserable one, marked by poverty and abuse. Yet it seems to have given him a special empathy for the poor and mistreated, an empathy that shines through in his novels. Dickens' treatment of childhood in his novels was a reflection of his own childhood. Charles Dickens' childhood was full of genuine Dickens figures; yet he was writing as an adult remembering his childhood. Charles Dickens indicated that the colorful people he met because of his childhood travels influenced many of his literary characters and provided the inspiration for many of his plots. Charles Dickens grew up in poverty and frequently had to move with his family in search of work. His father was imprisoned for debt, and Dickens himself was briefly imprisoned when he was unable to pay his own debts. These experiences likely influenced his novels, in which the poor and mistreated often suffer. Dickens' novels may have different after-effects in later life, such as causing rebellion and vomiting when they were read in childhood, but they may elicit affection later in life, when they call up memories.

This answer is AI generated, based on the following 14 sources











By STARK, MYRA CAROL

THE HOME DEPARTMENT: THE USES OF

CHILDREN IN THE NOVELS OF CHARLES DICKENS

The fullest analyses of the effects of Dickenss childhood

on his fiction are Christopher Hibbert's The Making of

Charles Dickens (New York, 1967) and Lloyd Paul

Coburn's unpublished dissertation, "Charles

Dickens:Parent-ChildRelationships,"

### DISSERTATION

Online PDF •••

### The social vision of Dicke his novels where child chi prominently

By Baruah, Arunabha Bhuya

Philip Collins in his twock Education and Dickens and two aspects of childhood he discusses the defective en Dickens's time: and in the which lead a child to indule

Read More 4

#### DISSERTATION

### East meets West: The impact of British novelists

### upon modern Arabic fiction

By Alghamdi, Ghada

Charles John Huffam Dickens was born on February 7, 1812 and had a miserable childhood because of his fathers inability to earn enough money to support his large family. This poverty affected Dickens education; he had to leave school early to help support that family, often working very hard for a ...

Read More ↓

### DISSERTATION

### Dickens's children: A study of the growth of the artist

By Manning, Jacqueline

Charles Dickens's novels include a wide range of experience, but he wrote more extensively of children than any other subject. That the author understood the minds, motives, and consciences of children if reflected in all of his childhood creations. But most of the children in his earlier novels d ...

Read More ↓

### (WesternReserve, 1956). The former is a simplified version o ...

Read More ↓

A How did Charles Dickens' childhood affect his novels?



Charles Dickens reflected on his hard life experiences in his works and wrote about his childhood in many of his novels. His heroes often are young children who suffer hardships and who are living with a sense of loss. Among the hardships that these children face are the bad working conditions in England at the time. Charles Dickens's novels include a wide range of experience, but he wrote more extensively of children than any other subject. That the author understood the minds, motives, and consciences of children if reflected in all of his childhood creations. But most of the children in his earlier novels do not reflect the depth and quality of characterization as do those of his later period. Much of Charles Dickens' art seems to have come from his childhood. It was, by his own account, a miserable one, marked by poverty and abuse. Yet it seems to have given him a special empathy for the poor and mistreated, an empathy that shines through in his novels. Dickens' treatment of childhood in his novels was a reflection of his own childhood. Charles Dickens' childhood was full of genuine Dickens figures; yet he was writing as an adult remembering his childhood. Charles Dickens indicated that the colorful people he met because of his childhood travels influenced many of his literary characters and provided the inspiration for many of his plots. Charles Dickens grew up in poverty and frequently had to move with his family in search of work. His father was imprisoned for debt, and Dickens himself was briefly imprisoned when he was unable to pay his own debts. These experiences likely influenced his novels, in which the poor and mistreated often suffer. Dickens' novels may have different after-effects in later life, such as causing rebellion and vomiting when they were read in childhood, but they may elicit affection later in life, when they call up memories.

This answer is AI generated, based on the following 14 sources



Online PDF





#### DISSERTATION

Online PDF •••

DISSERTATION

### The social vision of Dicke his novels where child ch prominently

By Baruah, Arunabha Bhuya

Philip Collins in his twoc Education and Dickens and two aspects of childhood he discusses the defective en Dickens's time; and in the which lead a child to indulg

Read More 4

East meets West: The impact of British novelists upon modern Arabic fiction By Alghamdi, Ghada

Charles John Huffam Dickens was born on February 7. 1812 and had a miserable childhood because of his fathers inability to earn enough money to support his large family. This poverty affected Dickens education; he had to leave school early to help support that family, often working very hard for a ...



### DISSERTATION

Dickens's children: A study of the growth of the artist

By Manning, Jacqueline

Charles Dickens's novels include a wide range of experience, but he wrote more extensively of children than any other subject. That the author understood the minds, motives, and consciences of children if reflected in all of his childhood creations. But most of the children in his earlier novels d ...

Read More ↓

By STARK, MYRA CAROL

THE HOME DEPARTMENT: THE USES OF

The fullest analyses of the effects of Dickenss childhood on his fiction are Christopher Hibbert's The Making of Charles Dickens (New York, 1967) and Lloyd Paul Coburn's unpublished dissertation, "Charles Dickens: Parent-ChildRelationships," (WesternReserve,1956). The former is a simplified version o ...

CHILDREN IN THE NOVELS OF CHARLES DICKENS

Read More ↓

with a sense of loss. Among the hardships that these children face are the bad working conditions in England at the time. Charles Dickens's novels include a wide range of experience, but he wrote more extensively of children than any other subject. That the author understood the minds, motives, and consciences of children if reflected in all of his childhood creations. But most of the children in his earlier novels do not reflect the depth and quality of characterization as do those of his later period. Much of Charles Dickens' art seems to have come from his childhood. It was, by his own account, a miserable one, marked by poverty and abuse. Yet it seems to have given him a special empathy for the poor and mistreated, an empathy that shines through in his novels. Dickens' treatment of childhood in his novels was a reflection of his own childhood. Charles Dickens' childhood was full of genuine Dickens figures; yet he was writing as an adult remembering his childhood. Charles Dickens indicated that the colorful people he met because of his childhood travels influenced many of his literary characters and provided the inspiration for many of his plots. Charles Dickens grew up in poverty and frequently had to move with his family in search of work. His father was imprisoned for debt, and Dickens himself was briefly imprisoned when he was unable to pay his own debts. These experiences likely influenced his novels, in which the poor and mistreated often suffer. Dickens' novels may have different after-effects in later life, such as causing rebellion and vomiting when they were read in childhood, but they may elicit affection later in life, when they call up memories.

Online PDF

This answer is AI generated, based on the following 14 sources



#### Online PDF •••

#### DISSERTATION

artist

#### DISSERTATION

#### DISSERTATION

### East meets West: The impact of British novelists upon modern Arabic fiction

By Alghamdi, Ghada

Charles John Huffam Dickens was born on February 7, 1812 and had a miserable childhood because of his fathers inability to earn enough money to support his large family. This poverty affected Dickens education; he had to leave school early to help support that family, often working very hard for a low salary. Charles Dickens reflected his hard life experiences in his works and wrote about his childhood in many of his novels. Dickens heroes often are young children who suffer hardships and who are living with a sense of loss. Among these hardships are the bad working conditions in England at the time. While reading Dickens novels, readers are introduced to characters that have some pleasant sides despite the difficulty that they suffer in their childhood and young adult lives (Dickens; Hardy 41-43; Smith 3-6).

Read Less ↑

### Dickens's children: A study of the growth of the

By Manning, Jacqueline

Charles Dickens's novels include a wide range of experience, but he wrote more extensively of children than any other subject. That the author understood the minds, motives, and consciences of children if reflected in all of his childhood creations. But most of the children in his earlier novels d ...

Read More ↓

### THE HOME DEPARTMENT: THE USES OF CHILDREN IN THE NOVELS OF CHARLES DICKENS

Online PDF •••

By STARK, MYRA CAROL

The fullest analyses of the effects of Dickenss childhood on his fiction are Christopher Hibbert's The Making of Charles Dickens (New York, 1967) and Lloyd Paul Coburn's unpublished dissertation, "Charles Dickens:Parent-ChildRelationships,"

(WesternReserve,1956). The former is a simplified version o ...

Read More ↓

### The social vision of Dicke his novels where child ch prominently

By Baruah, Arunabha Bhuye Philip Collins in his twock Education and Dickens and two aspects of childhood he discusses the defective of Dickens's time; and in the owhich lead a child to indule

Read More ↓

A How did Charles Dickens' childhood affect his novels?

Ô

Charles Dickens reflected on his hard life experiences in his works and wrote about his childhood in many of his novels. His heroes often are young children who suffer hardships and who are living with a sense of loss. Among the hardships that these children face are the bad working conditions in England at the time. Charles Dickens's novels include a wide range of experience, but he wrote more extensively of children than any other subject. That the author understood the minds, motives, and consciences of children if reflected in all of his childhood creations. But most of the children in his earlier novels do not reflect the depth and quality of characterization as do those of his later period. Much of Charles Dickens' art seems to have come from his childhood. It was, by his own account, a miserable one, marked by poverty and abuse. Yet it seems to have given him a special empathy for the poor and mistreated, an empathy that shines through in his novels. Dickens' treatment of childhood in his novels was a reflection of his own childhood. Charles Dickens' childhood was full of genuine Dickens figures; yet he was writing as an adult remembering his childhood. Charles Dickens indicated that the colorful people he met because of his childhood travels influenced many of his literary characters and provided the inspiration for many of his plots. Charles Dickens grew up in poverty and frequently had to move with his family in search of work. His father was imprisoned for debt, and Dickens himself was briefly imprisoned when he was unable to pay his own debts. These experiences likely influenced his novels, in which the poor and mistreated often suffer. Dickens' novels may have different after-effects in later life, such as causing rebellion and vomiting when they were read in childhood, but they may elicit affection later in life, when they call up memories.

This answer is AI generated, based on the following 14 sources

Online PDF

\*\*\*

III DISSERTATION

East meets West: The impact of British novelists upon modern Arabic fiction

By Alghamdi, Ghada

Charles John Huffam Dickens was born on February 7. 1812 and had a miserable childhood because of his fathers inability to earn enough money to support his large family. This poverty affected Dickens education; he had to leave school early to help support that family, often working very hard for a ...

Read More ↓

DISSERTATION



Dickens's children: A study of the growth of the artist

By Manning, Jacqueline

Charles Dickens's novels include a wide range of experience, but he wrote more extensively of children than any other subject. That the author understood the minds, motives, and consciences of children if reflected in all of his childhood creations. But most of the children in his earlier novels d ...

Read More 4

**DISSERTATION** 

THE HOME DEPARTMENT: THE USES OF CHILDREN IN THE NOVELS OF CHARLES DICKENS

Online PDF ...

By STARK, MYRA CAROL

The fullest analyses of the effects of Dickenss childhood on his fiction are Christopher Hibbert's The Making of Charles Dickens (New York, 1967) and Lloyd Paul Coburn's unpublished dissertation, "Charles Dickens:Parent-ChildRelationships," (WesternReserve,1956). The former is a simplified version o ...

Read More ↓

■ DISSERTATION

The social vision of Dicke his novels where child chi prominently

By Baruah, Arunabha Bhuya

Philip Collins in his twock Education and Dickens an two aspects of childhood he discusses the defective Dickens's time: and in the which lead a child to indule

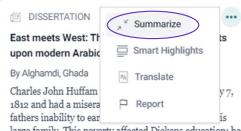
Read More 4

External Resource Direct to **PDF** 



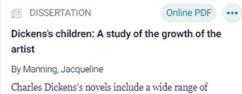
with a sense of loss. Among the hardships that these children face are the bad working conditions in England at the time. Charles Dickens's novels include a wide range of experience, but he wrote more extensively of children than any other subject. That the author understood the minds, motives, and consciences of children if reflected in all of his childhood creations. But most of the children in his earlier novels do not reflect the depth and quality of characterization as do those of his later period. Much of Charles Dickens' art seems to have come from his childhood. It was, by his own account, a miserable one, marked by poverty and abuse. Yet it seems to have given him a special empathy for the poor and mistreated, an empathy that shines through in his novels. Dickens' treatment of childhood in his novels was a reflection of his own childhood. Charles Dickens' childhood was full of genuine Dickens figures; yet he was writing as an adult remembering his childhood. Charles Dickens indicated that the colorful people he met because of his childhood travels influenced many of his literary characters and provided the inspiration for many of his plots. Charles Dickens grew up in poverty and frequently had to move with his family in search of work. His father was imprisoned for debt, and Dickens himself was briefly imprisoned when he was unable to pay his own debts. These experiences likely influenced his novels, in which the poor and mistreated often suffer. Dickens' novels may have different after-effects in later life, such as causing rebellion and vomiting when they were read in childhood, but they may elicit affection later in life, when they call up memories.

This answer is AI generated, based on the following 14 sources



large family. This poverty affected Dickens education; he had to leave school early to help support that family, often working very hard for a low salary. Charles Dickens reflected his hard life experiences in his works and wrote about his childhood in many of his novels. Dickens heroes often are young children who suffer hardships and who are living with a sense of loss. Among these hardships are the bad working conditions in England at the time. While reading Dickens novels, readers are introduced to characters that have some pleasant sides despite the difficulty that they suffer in their childhood and young adult lives (Dickens; Hardy 41-43; Smith 3-6).

Read Less 1



Charles Dickens's novels include a wide range of experience, but he wrote more extensively of children than any other subject. That the author understood the minds, motives, and consciences of children if reflected in all of his childhood creations. But most of the children in his earlier novels d ...

Read More ↓



CHILDREN IN THE NOVELS OF CHARLES DICKENS

By STARK, MYRA CAROL

The fullest analyses of the effects of Dickenss childhood on his fiction are Christopher Hibbert's The Making of Charles Dickens (New York, 1967) and Lloyd Paul Coburn's unpublished dissertation, "Charles Dickens:Parent-ChildRelationships,"

(WesternReserve,1956). The former is a simplified version o ...

Read More ↓

### DISSERTATION

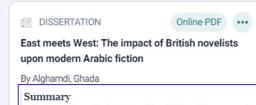
The social vision of Dicke his novels where child ch prominently

By Baruah, Arunabha BhuyaPhilip Collins in his twock
Education and Dickens and
two aspects of childhood—
he discusses the defective of
Dickens's time; and in the of
which lead a child to indulate

Read More 4

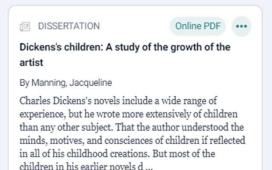
with a sense of loss. Among the hardships that these children face are the bad working conditions in England at the time. Charles Dickens's novels include a wide range of experience, but he wrote more extensively of children than any other subject. That the author understood the minds, motives, and consciences of children if reflected in all of his childhood creations. But most of the children in his earlier novels do not reflect the depth and quality of characterization as do those of his later period. Much of Charles Dickens' art seems to have come from his childhood. It was, by his own account, a miserable one, marked by poverty and abuse. Yet it seems to have given him a special empathy for the poor and mistreated, an empathy that shines through in his novels. Dickens' treatment of childhood in his novels was a reflection of his own childhood. Charles Dickens' childhood was full of genuine Dickens figures; yet he was writing as an adult remembering his childhood. Charles Dickens indicated that the colorful people he met because of his childhood travels influenced many of his literary characters and provided the inspiration for many of his plots. Charles Dickens grew up in poverty and frequently had to move with his family in search of work. His father was imprisoned for debt, and Dickens himself was briefly imprisoned when he was unable to pay his own debts. These experiences likely influenced his novels, in which the poor and mistreated often suffer. Dickens' novels may have different after-effects in later life, such as causing rebellion and vomiting when they were read in childhood, but they may elicit affection later in life, when they call up memories.

This answer is Al generated, based on the following 14 sources



Charles Dickens had a miserable childhood because of his fathers inability to earn enough money to support his large family. He reflected his hard life experiences in his works and wrote about his childhood in many of his novels.

Charles John Huffam Dickens was born on February 7, 1812 and had a miserable childhood because of his fathers inability to earn enough money to support his large family. This poverty affected Dickens education; he had to leave school early to help support that family, often working very hard for a low salary. Charles Dickens reflected his hard life experiences in his works and wrote about his childhood in many of his novels. Dickens heroes often are young children who suffer hardships and who are living with a sense of loss. Among these hardships are the bad working conditions in England at the time. While reading Dickens novels, readers are introduced to characters that have some



Read More ↓



The fullest analyses of the effects of Dickenss childhood on his fiction are Christopher Hibbert's The Making of Charles Dickens (New York, 1967) and Lloyd Paul Coburn's unpublished dissertation, "Charles Dickens:Parent-ChildRelationships," (WesternReserve,1956). The former is a simplified version o ...

Read More ↓

### DISSERTATION

The social vision of Dicke his novels where child chi prominently

By Baruah, Arunabha Bhuya-Philip Collins in his twoc. Education and Dickens and two aspects of childhoodhe discusses the defective education in the ownich lead a child to indule

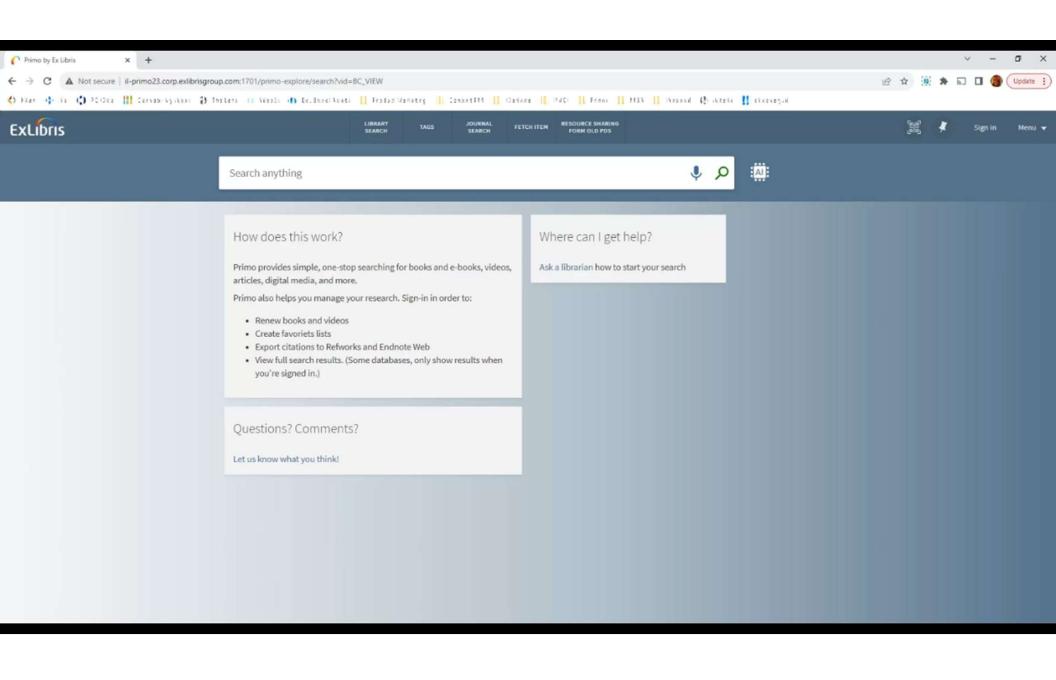
Read More 4







# CDI - Conversational Discovery Prototype



### **Must Attend Session on Wednesday!**



# Artificial Intelligence (AI) the Library Discovery context

Wednesday, September 13th, 11:20 AM-11:50 AM Room AV 01.12



**Christine Stohn** Senior Director, Product Management





# Our Path to the Next Discovery Experience









**New UX for Primo Pages** 



**Linked Data Experience** 



**User Engagement Analytics** 



Taking Advantage of New Al Technology









# Thank You!

Guy.BenPorat@clarivate.com Yaara.Galili@clarivate.com

#### © 2023 Clarivate

Clarivate and its logo, as well as all other trademarks used herein are trademarks of their respective owners and used under license.