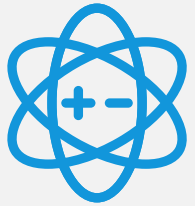


## Input Paragraph

On August 15, 2022, Jack joined Google as a software engineer. He primarily worked on the development of Google Pay. Jack collaborated with Mike to launch a new feature successfully. Moreover, Sarah was their project manager, responsible for coordinating the entire team.



Information Extraction  
Model

### Annotation



Job Title



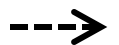
Person



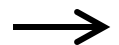
Organization



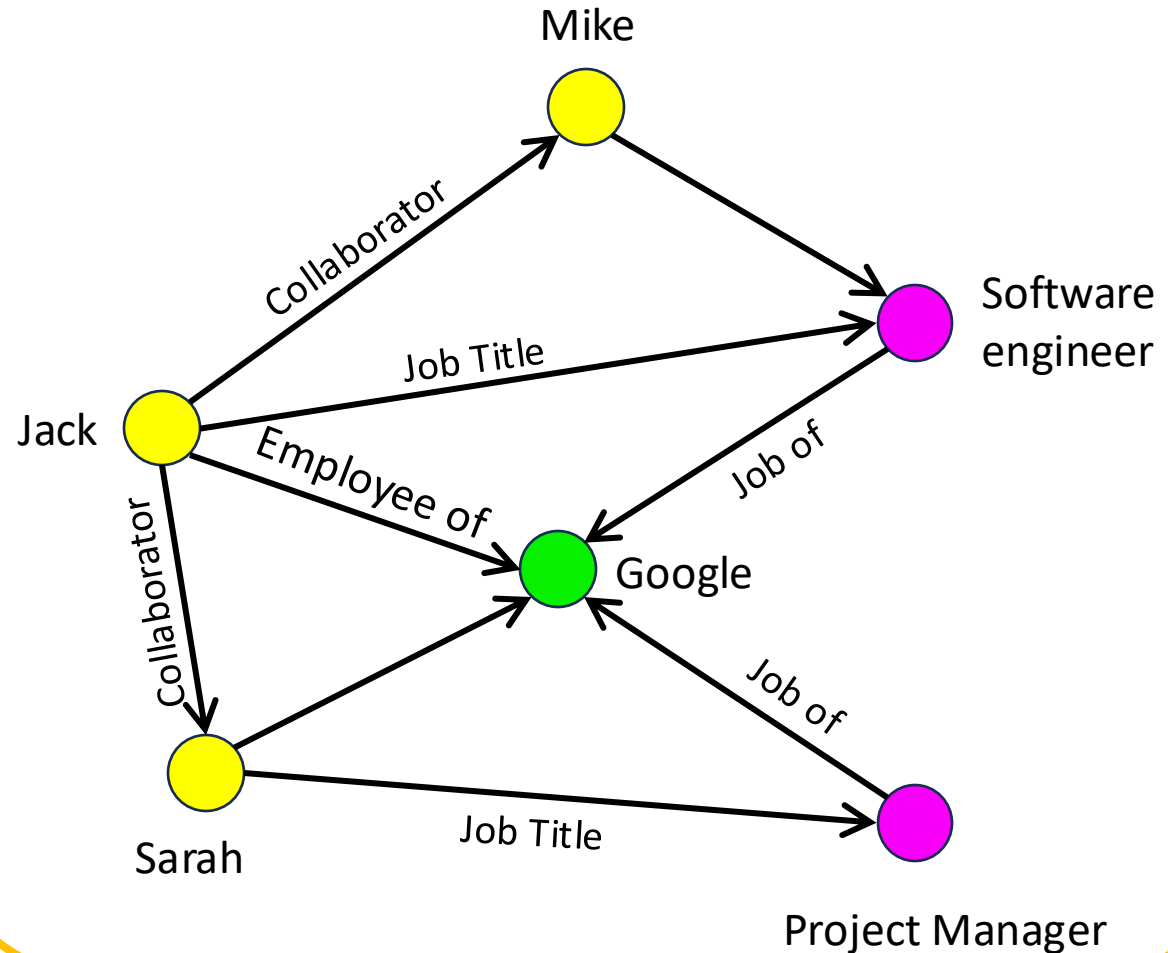
Product



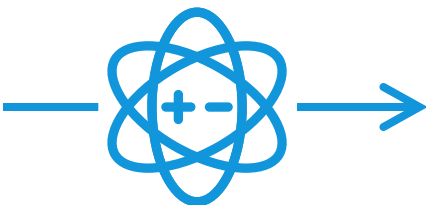
Mention



Relation

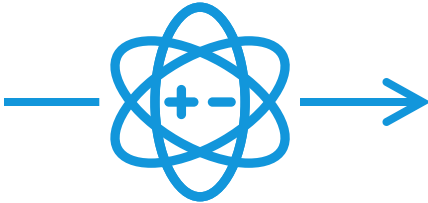


On August 15, 2022, Jack joined Google as a software engineer. He primarily worked on the development of Google Pay. Jack collaborated with Mike to launch a new feature successfully. Moreover, Sarah was their project manager, responsible for coordinating the entire team.



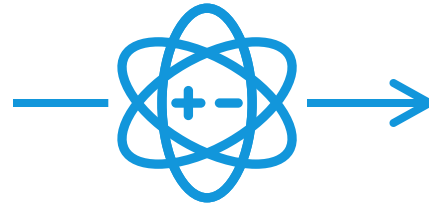
Entity	Entity Type
Jack	Person
Google	Organization
Software Engineer	Job Title
Google Pay	Product
Mike	Person
Sarah	Person
Project Manager	Job Title

On August 15, 2022, Jack joined Google as a software engineer. He primarily worked on the development of Google Pay. Jack collaborated with Mike to launch a new feature successfully. Moreover, Sarah was their project manager, responsible for coordinating the entire team.



Head entity	Tail entity	Relations
Jack	Mike	Collaborator
Jack	Software engineering	Job Title
Jack	Google	Employee of
Software engineering	Google	Job of

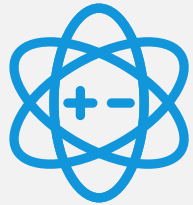
On August 15, 2022, Jack joined Google as a software engineer. He primarily worked on the development of Google Pay. Jack collaborated with Mike to launch a new feature successfully. Moreover, Sarah was their project manager, responsible for coordinating the entire team.



Mention	Entities
He	Jack
their	Jack, Mike, Sarah

## Input Paragraph

(...) .The term "**Applied history**" was coined in **1909** by political scientist and historian **Benjamin Shambaugh** (**1871-1940**). (...) In **1912**, **Shambaugh**, then superintendent of the State Historical Society of Iowa, launched the publication **Applied History**, a series that ran until **1930**. ....In **1975**, historians **Joel Tarr** and **Peter Stearns** launched an Applied History program at **Carnegie-Mellon University** in Pittsburgh. (...)In November 2018, Dutch Historians **Harm Kaal** (**Radboud University**) and **Jelle van Lottum** (Huygens Institute for the History of the Netherlands) founded the **Journal of Applied History**, published by academic publisher **Brill Publishers**.



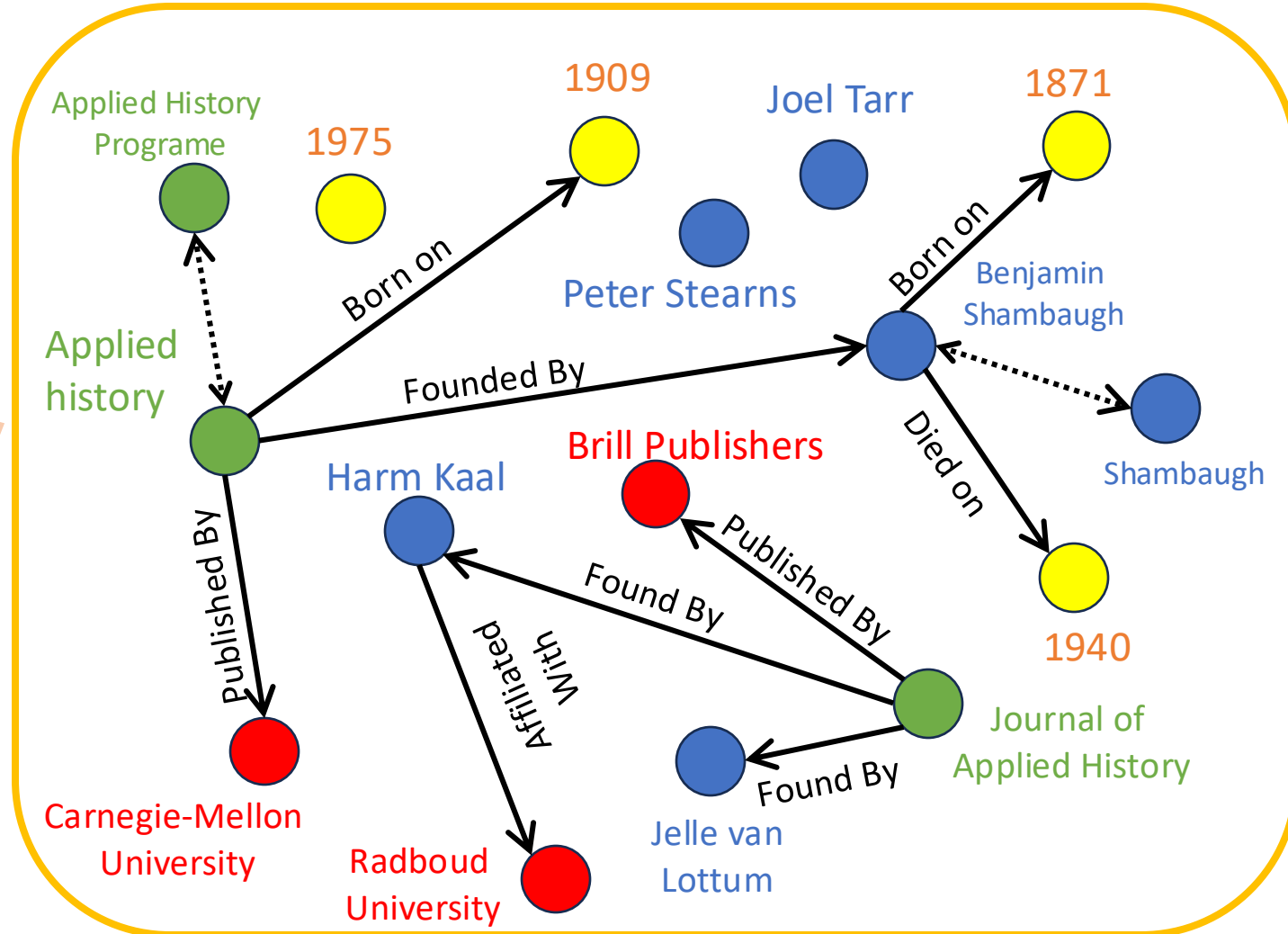
Information Extraction  
Model

### Annotation

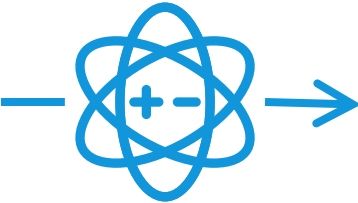
↔ Mention → Relation

● Organization ● Date

● MISC ● Person

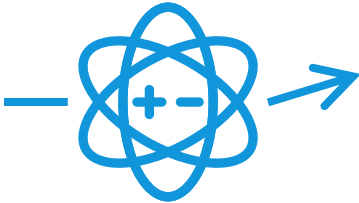


(...) .The term "Applied history" was coined in 1909 by political scientist and historian Benjamin Shambaugh (1871-1940). (...) In 1912, Shambaugh, then superintendent of the State Historical Society of Iowa, launched the publication Applied History, a series that ran until 1930. ....In 1975, historians Joel Tarr and Peter Stearns launched an Applied History program at Carnegie-Mellon University in Pittsburgh. (...)In November 2018, Dutch Historians Harm Kaal (Radboud University) and Jelle van Lottum (Huygens Institute for the History of the Netherlands) founded the Journal of Applied History, published by academic publisher Brill Publishers.



Entity	Entity Type	Mention (strict)
Applied history	MISC	Applied history Program
Benjamin Shambaugh	Person	Shambaugh
Carnegie-Mellon University	Organization	-
1909	Date	
...	...	...

(...) .The term "Applied history" was coined in 1909 by political scientist and historian Benjamin Shambaugh (1871-1940). (...) In 1912, Shambaugh, then superintendent of the State Historical Society of Iowa, launched the publication Applied History, a series that ran until 1930. ....In 1975, historians Joel Tarr and Peter Stearns launched an Applied History program at Carnegie-Mellon University in Pittsburgh. (...)In November 2018, Dutch Historians Harm Kaal (Radboud University) and Jelle van Lottum (Huygens Institute for the History of the Netherlands) founded the Journal of Applied History, published by academic publisher Brill Publishers.



Head entity	Tail entity	Relations
Journal of Applied History	Brill Publishers	Published By
Harm Kaal	Radboud University	Affiliated With
Applied history	Benjamin Shambaugh	Founded By
Benjamin Shambaugh	1871	Born On

## Named Entity Recognition

Ground True

Entity	Entity Type	Mention (strict)
Applied history	MISC	Applied history Program

Prediction results

Entity	Entity Type	Mention (strict)
Applied history	MISC	-

Common setting:



strict setting:



## Relation Extraction

Ground True

Head entity	Tail entity	Relations
Applied history	Benjamin Shambaugh	Founded By

Prediction results

Head entity	Tail entity	Relations
Applied history Program	Benjamin Shambaugh	Founded By

Common setting:



strict setting:

