

1. Look for information on the Per Se restaurant in New York City, starting with the query [per se].

```
PS C:\Users\Christopher Asfour\Downloads\COMS-6111-Project-1\COMS-6111-Project-1>
python -u "c:\Users\Christopher Asfour\Downloads\COMS-6111-Project-1\COMS-6111-
Project-1\main.py" AIzaSyBr5aenBL0VfH55raQJUMSYi0mdkspmzPY 089e480ae5f6ce283 0.9
"per se"
```

Parameters:

Client key = AIzaSyBr5aenBL0VfH55raQJUMSYi0mdkspmzPY

Engine key = 089e480ae5f6ce283

Query = per se

Precision = 0.9

Google Search Results:

=====

Result 1

```
[
  URL: https://www.thomaskeller.com/perseny
  Title: Per Se | Thomas Keller Restaurant Group
  Summary: Per Se. Per Se Front Door. center. About. About; Restaurant · Team · Info
& Directions · Gift Experiences · Reservations; Menus & Stories. Menus & Stories
]
Relevant (Y/N)? y
```

Result 2

```
[
  URL: https://en.wiktionary.org/wiki/per_se
  Title: per se - Wiktionary
  Summary: In and of itself; by itself; without determination by or involvement of
extraneous factors; as such quotations ∇synonym ∆ · (philosophy) Being a thing that
...
]
Relevant (Y/N)? n
```

Result 3

```
[
  URL: https://www.exploretock.com/perse
  Title: Per Se - New York, NY | Tock
  Summary: Opened in 2004, Per Se is Thomas Keller's acclaimed interpretation of The
French Laundry in the Deutsche Bank Center at Columbus Circle.
]
Relevant (Y/N)? y
```

Result 4

```
[
  URL: https://www.instagram.com/perseny/?hl=en
  Title: Per Se (@perseny) · Instagram photos and videos
  Summary: Chef Thomas Keller's 3-Star Michelin restaurant overlooking Columbus
Circle & Central Park located in New York City. exploretock.com/perse. 882 posts.
]
Relevant (Y/N)? y
```

Result 5

```
[
  URL: https://www.yelp.com/biz/per-se-new-york
  Title: PER SE - 7270 Photos & 1824 Reviews - Food near New York, NY ...
  Summary: 1824 reviews of Per Se "This is Thomas Keller's new resturant in New
York. A must if you can get a reservation."
```

]
Relevant (Y/N)? y

Result 6

[
URL: https://www.merriam-webster.com/dictionary/perse
Title: Perse Definition & Meaning - Merriam-Webster
Summary: adjective (1) . 'pərs . of a dark grayish blue resembling indigo ;
adverb. (.)pər-'sā,. also per-'sā,. or. (.)pər-'sē . by, of, or in itself or
oneself or ...

]
Relevant (Y/N)? n

Result 7

[
URL: https://guide.michelin.com/us/en/new-york-state/new-york/restaurant/per-se
Title: Per Se - New York - a MICHELIN Guide Restaurant
Summary: Per Se - a Three MICHELIN Stars: Exceptional cuisine, worth a special
journey! restaurant in the 2022 MICHELIN Guide USA. The MICHELIN inspectors' point
of ...

]
Relevant (Y/N)? y

Result 8

[
URL: https://dictionary.cambridge.org/dictionary/english/per-se
Title: PER SE | English meaning - Cambridge Dictionary
Summary: 5 days ago ... per se definition: 1. by or of itself: 2. by or of itself:
3. by or of itself: . Learn more.

]
Relevant (Y/N)? n

Result 9

[
URL: https://www.persegroup.com/
Title: Per Se Group
Summary: Per Sé is a leading workforce solution to the Energy and Industrial
markets. Our technology, and recruitment expertise, seamlessly match talented
people in ...

]
Relevant (Y/N)? n

Result 10

[
URL: https://www.vocabulary.com/dictionary/per%20se
Title: Per se - Definition, Meaning & Synonyms | Vocabulary.com
Summary: Per se is the phrase to use when you want to refer to a particular thing
on its own. It is not this Latin phrase, per se, that is important, but rather
the ...

]
Relevant (Y/N)? n

=====

FEEDBACK SUMMARY

Query per se

Precision 0.5

Still below the desired precision of 0.9

Indexing results

Indexing results

Augmenting by new

Parameters:

Client key = AIzaSyBr5aenBL0VfH55raQJUMSYi0mdkspmzPY

Engine key = 089e480ae5f6ce283

Query = per se new

Precision = 0.9

Google Search Results:

=====

Result 1

[
URL: <https://www.thomaskeller.com/perseny>
Title: Per Se | Thomas Keller Restaurant Group
Summary: New York; Per Se; Las Vegas; Bouchon Bistro · Bouchon Bakery; Miami; The Surf Club Restaurant. Publications. Cookbooks · Finesse Magazine · MasterClass.
]
Relevant (Y/N)? y

Result 2

[
URL: [https://en.wikipedia.org/wiki/Per_Se_\(restaurant\)](https://en.wikipedia.org/wiki/Per_Se_(restaurant))
Title: Per Se (restaurant) - Wikipedia
Summary: Per Se is a New American and French restaurant located at The Shops at Columbus Circle, on the fourth floor of the Deutsche Bank Center at 10 Columbus ...
]
Relevant (Y/N)? y

Result 3

[
URL: <https://www.thomaskeller.com/new-york-new-york/per-se/todays-menus>
Title: Today's Menus | Thomas Keller Restaurant Group
Summary: ... tasting menu, as well as a nine-course vegetable tasting menu. No single ingredient is ever repeated throughout the meal. New menu page coming soon.
]
Relevant (Y/N)? y

Result 4

[
URL: <https://www.exploretock.com/perse>
Title: Per Se - New York, NY | Tock
Summary: Opened in 2004, Per Se is Thomas Keller's acclaimed interpretation of The French Laundry in the Deutsche Bank Center at Columbus Circle.
]
Relevant (Y/N)? y

Result 5

[
URL: <https://www.instagram.com/perseny/?hl=en>
Title: Per Se (@perseny) • Instagram photos and videos
Summary: Chef Thomas Keller's 3-Star Michelin restaurant overlooking Columbus Circle & Central Park located in New York City. [exploretock.com/perse](https://www.exploretock.com/perse). 882 posts.
]
Relevant (Y/N)? y

Result 6

[
URL: <https://www.yelp.com/biz/per-se-new-york>
Title: PER SE - 7270 Photos & 1824 Reviews - Food near New York, NY ...
]

Summary: 1824 reviews of Per Se "This is Thomas Keller's new restaurant in New York. A must if you can get a reservation."

]
Relevant (Y/N)? y

Result 7

[
URL: https://www.theshopsatcolumbuscircle.com/restaurants/per-se/
Title: Per Se New York | The Shops at Columbus Circle
Summary: Enjoy stunning views of Central Park and Columbus Circle during lunch or dinner at Per Se, one of New York's most elegant and intimate dining experiences.
]
Relevant (Y/N)? y

Result 8

[
URL: https://www.facebook.com/perse/
Title: Per Se | New City NY
Summary: Per Se, New City, New York. 59081 likes · 30 talking about this · 49572 were here. The official page of Thomas Keller's Per Se.
]
Relevant (Y/N)? y

Result 9

[
URL: https://www.tripadvisor.com/Restaurant_Review-g60763-d425628-Reviews-Per_Se-New_York_City_New_York.html
Title: PER SE, New York City - Hell's Kitchen - Menu, Prices & Restaurant ...
Summary: Per Se, New York City: See 1857 unbiased reviews of Per Se, rated 4.5 of 5 on Tripadvisor and ranked #64 of 10037 restaurants in New York City.
]
Relevant (Y/N)? y

Result 10

[
URL: https://guide.michelin.com/us/en/new-york-state/new-york/restaurant/per-se
Title: Per Se - New York - a MICHELIN Guide Restaurant
Summary: Three MICHELIN Stars: Exceptional cuisine, worth a special journey! An experience at Thomas Keller's Per Se is one to be savored, recounted and remembered.
]
Relevant (Y/N)? y

=====
FEEDBACK SUMMARY
Query per se new
Precision 1.0
Desired precision reached, done

2. Look for information on Google cofounder Sergey Brin, starting with the query [brin].

```
PS C:\Users\Christopher Asfour\Downloads\COMS-6111-Project-1\COMS-6111-Project-1>
python -u "c:\Users\Christopher Asfour\Downloads\COMS-6111-Project-1\COMS-6111-
Project-1\main.py" AIzaSyBr5aenBL0VfH55raQJUMSYi0mdkspmzPY 089e480ae5f6ce283 0.9
brin
```

Parameters:

Client key = AIzaSyBr5aenBL0VfH55raQJUMSYi0mdkspmzPY

Engine key = 089e480ae5f6ce283

Query = brin

Precision = 0.9

Google Search Results:

=====

Result 1

```
[
  URL: https://www.davidbrin.com/
  Title: worlds of David Brin
  Summary: David Brin is best-known for shining light – plausibly and entertainingly
– on technology, society, and countless challenges confronting our rambunctious ...
]
```

Relevant (Y/N)? n

Result 2

```
[
  URL: https://en.wikipedia.org/wiki/Sergey_Brin
  Title: Sergey Brin - Wikipedia
  Summary: Sergey Mikhailovich Brin is an American business magnate, computer
scientist, and internet entrepreneur, who co-founded Google with Larry Page. Brin
was the ...
]
```

Relevant (Y/N)? y

Result 3

```
[
  URL: https://www.bringlass.com/
  Title: Brin Glass Company: Home
  Summary: Brin's glasswork shines in these Corporate, Healthcare, Education,
Hospitality, Residential, Nonprofit, Government, and Retail projects.
]
```

Relevant (Y/N)? n

Result 4

```
[
  URL: https://www.postgresql.org/docs/current/brin-intro.html
  Title: Documentation: 15: 71.1. Introduction - PostgreSQL
  Summary: BRIN stands for Block Range Index. BRIN is designed for handling very
large tables in which certain columns have some natural correlation with their ...
]
```

Relevant (Y/N)? n

Result 5

```
[
  URL: https://www.brinandbrin.com/
  Title: Brin & Brin LLC – Law Firm
  Summary: The litigation, transactional and compliance lawyers at Brin & Brin have
proven success in some of the toughest Texas venues. ... We have represented
```

clients in a ...

]

Relevant (Y/N)? n

Result 6

[

URL: <https://en.wiktionary.org/wiki/brin>

Title: brin - Wiktionary

Summary: NounEdit · One of the radiating sticks of a fan. The outermost are larger and longer, and are called panaches. · A single silkworm thread extruded from the gland, ...

]

Relevant (Y/N)? n

Result 7

[

URL: <https://www.forbes.com/profile/sergey-brin/>

Title: Sergey Brin

Summary: 7 Sergey Brin on the 2022 Forbes 400 - Sergey Brin stepped down as president of Alphabet, parent company of Google, in December 2019 but remains a ...

]

Relevant (Y/N)? y

Result 8

[

URL: <https://www.nytimes.com/2023/01/20/technology/google-chatgpt-artificial-intelligence.html>

Title: Google Calls In Larry Page and Sergey Brin to Tackle ChatGPT and ...

Summary: Jan 20, 2023 ... Last month, Larry Page and Sergey Brin, Google's founders, held several meetings with company executives. The topic: a rival's new chatbot, ...

]

Relevant (Y/N)? y

Result 9

[

URL: <https://www.brinlevinson.com/>

Title: Brin Levinson

Summary: The Art of Brin Levinson.

]

Relevant (Y/N)? n

Result 10

[

URL: <https://brinsound.bandcamp.com/album/homescreen-glow>

Title: Homescreen Glow | brin

Summary: Brin is a strand of rhythmic audio expressionism for the online world through the lens of LA-based artist Colin Blanton. Homescreen Glow, the full-length ...

]

Relevant (Y/N)? n

=====

FEEDBACK SUMMARY

Query brin

Precision 0.3

Still below the desired precision of 0.9

Indexing results

Indexing results

Augmenting by sergey

Parameters:

Client key = AIzaSyBr5aenBL0VfH55raQJUMSYi0mdkspmzPY

Engine key = 089e480ae5f6ce283

Query = sergey brin

Precision = 0.9

Google Search Results:

=====

Result 1

[
URL: https://en.wikipedia.org/wiki/Sergey_Brin
Title: Sergey Brin - Wikipedia
Summary: Sergey Mikhailovich Brin is an American business magnate, computer scientist, and internet entrepreneur, who co-founded Google with Larry Page. Brin was the ...
]

Relevant (Y/N)? y

Result 2

[
URL: <https://www.forbes.com/profile/sergey-brin/>
Title: Sergey Brin
Summary: Real Time Net Worth · Sergey Brin stepped down as president of Alphabet, parent company of Google, in December 2019 but remains a controller shareholder and a ...
]

Relevant (Y/N)? y

Result 3

[
URL: <https://www.nytimes.com/2023/01/20/technology/google-chatgpt-artificial-intelligence.html>
Title: Google Calls In Larry Page and Sergey Brin to Tackle ChatGPT and ...
Summary: Jan 20, 2023 ... Last month, Larry Page and Sergey Brin, Google's founders, held several meetings with company executives. The topic: a rival's new chatbot, ...
]

Relevant (Y/N)? y

Result 4

[
URL: <https://www.britannica.com/biography/Sergey-Brin>
Title: Sergey Brin | Biography, Google, & Facts | Britannica
Summary: Sergey Brin, (born August 21, 1973, Moscow, Russia, U.S.S.R.), American computer scientist and entrepreneur who created, along with Larry Page, the online ...
]

Relevant (Y/N)? y

Result 5

[
URL: <http://infolab.stanford.edu/~sergey/>
Title: Sergey Brin
Summary: Sergey Brin's Home Page. Ph.D. student in Computer Science at Stanford - sergey@cs.stanford.edu. Research. Currently I am at Google.
]

Relevant (Y/N)? y

Result 6

[
URL: <https://www.theguardian.com/science/2013/aug/05/google-sergey-brin-synthetic-beef-hamburger>
Title: Google's Sergey Brin bankrolled world's first synthetic beef ...
Summary: Aug 5, 2013 ... The man who has bankrolled the production of the world's first lab-grown hamburger has been revealed as Google co-founder Sergey Brin.
The ...
]
Relevant (Y/N)? y

Result 7

[
URL: <https://research.google/people/SergeyBrin/>
Title: Sergey Brin - Google Research
Summary: Sergey is a recipient of a National Science Foundation Graduate Fellowship as well as an honorary MBA from Instituto de Empresa. It was at Stanford where he met ...
]
Relevant (Y/N)? y

Result 8

[
URL: <https://www.biography.com/business-leaders/sergey-brin>
Title: Sergey Brin - Education, Google & Wife
Summary: Apr 2, 2014 ... Best Known For: Sergey Brin is a computer scientist who created Google with Larry Page, the two becoming billionaires as Google developed into ...
]
Relevant (Y/N)? y

Result 9

[
URL: <https://www.bloomberg.com/billionaires/profiles/sergey-m-brin/>
Title: Bloomberg Billionaires Index - Sergey Brin
Summary: Brin is a co-founder of Alphabet, the holding company that owns Google, the world's largest search-engine operator. The Mountain View, California-based ...
]
Relevant (Y/N)? y

Result 10

[
URL: <https://www.businessinsider.com/google-larry-page-sergey-brin-help-chatgpt-code-red-2023-1>
Title: Google Asked Larry Page, Sergey Brin for Help After ChatGPT ...
Summary: Jan 21, 2023 ... Google called on cofounders Larry Page and Sergey Brin in ChatGPT fightback after issuing a 'code red', report says.
]
Relevant (Y/N)? y

=====
FEEDBACK SUMMARY
Query sergey brin
Precision 1.0
Desired precision reached, done

3. Look for information on COVID-19 cases, starting with the query [cases].

```
PS C:\Users\Christopher Asfour\Downloads\COMS-6111-Project-1\COMS-6111-Project-1>
python -u "c:\Users\Christopher Asfour\Downloads\COMS-6111-Project-1\COMS-6111-
Project-1\main.py" AIzaSyBr5aenBL0VfH55raQJUMSYi0mdkspmzPY 089e480ae5f6ce283 0.9
cases
```

Parameters:

Client key = AIzaSyBr5aenBL0VfH55raQJUMSYi0mdkspmzPY

Engine key = 089e480ae5f6ce283

Query = cases

Precision = 0.9

Google Search Results:

=====

Result 1

```
[
  URL: https://www.cases.org/
  Title: CASES: Home
  Summary: From court and program offices in the Bronx, Brooklyn, and Manhattan,
CASES provides community-based alternatives to jail and prison. These programs
address ...
]
```

Relevant (Y/N)? n

Result 2

```
[
  URL: https://www.casetify.com/
  Title: CASETiFY: Show Your Colors
  Summary: CASETiFY - We make the most sustainable yet protective phone cases for
iPhone 14 / iPhone 14 Pro / iPhone 14 Plus / iPhone 14 Pro Max and tech
accessories.
]
```

Relevant (Y/N)? n

Result 3

```
[
  URL: https://covid.cdc.gov/
  Title: CDC COVID Data Tracker: Home
  Summary: Stay up to date on the most recent data on vaccinations, cases, and
deaths. Cases, Deaths, & Testing Case & Death Demographic Trends Vaccination
Distribution & ...
]
```

Relevant (Y/N)? y

Result 4

```
[
  URL: https://www.worldometers.info/coronavirus/
  Title: COVID - Coronavirus Statistics - Worldometer
  Summary: Reported Cases and Deaths by Country or Territory. NOTE: Effective
February 1, 2023, the Coronavirus Tracker has switched from LIVE to Daily Updates.
As a ...
]
```

Relevant (Y/N)? y

Result 5

```
[
  URL: https://www.arcgis.com/apps/dashboards/bda7594740fd40299423467b48e9ecf6
  Title: Coronavirus COVID-19 (2019-nCoV)
]
```

Summary: Total Cases. Data source error. Total Deaths. Data source error. Total Vaccine Doses Administered. Cases | Deaths by Country/Region/Sovereignty.
]
Relevant (Y/N)? y

Result 6

[
URL: <https://www.vdh.virginia.gov/coronavirus/see-the-numbers/covid-19-in-virginia/covid-19-in-virginia-cases/>
Title: Cases - Coronavirus
Summary: Jan 31, 2023 ... Case, hospitalization, and death data reflect Virginia residents only. Death data are presented by both date of report and by date of death and ...
]
Relevant (Y/N)? y

Result 7

[
URL: <https://www.cdc.gov/measles/cases-outbreaks.html>
Title: Measles Cases and Outbreaks | CDC
Summary: Measles cases in 2019. From January 1 to December 31, 2019, 1,274* individual cases of measles were confirmed in 31 states. This is the greatest number ...
]
Relevant (Y/N)? n

Result 8

[
URL: <https://www.vacourts.gov/caseinfo/home.html>
Title: Case Status and Information
Summary: Circuit Court. Circuit Court Case Information Online access to civil and criminal cases in select circuit courts. Cases may be searched by locality using name, ...
]
Relevant (Y/N)? n

Result 9

[
URL: <https://www.cdc.gov/poxvirus/monkeypox/response/2022/us-map.html>
Title: 2022 U.S. Map & Case Count | Mpox | Poxvirus | CDC
Summary: View a map of 2022 mpox cases in the United States.
]
Relevant (Y/N)? n

Result 10

[
URL: <https://pbskids.org/oddsquad/games/cases>
Title: Odd Squad: Cases
Summary: Change your station. Back. Odd Squad Game: Cases. Play Pause Audio On Audio Off Voice Music Sound Effects Closed Captioning Fullscreen Help Close.
]
Relevant (Y/N)? n

=====

FEEDBACK SUMMARY

Query cases

Precision 0.4

Still below the desired precision of 0.9

Indexing results
Indexing results
Augmenting by deaths data

Parameters:
Client key = AIzaSyBr5aenBL0VfH55raQJUMSYi0mdkspmzPY
Engine key = 089e480ae5f6ce283
Query = cases data deaths
Precision = 0.9
Google Search Results:
=====

Result 1

[
URL: <https://covid.cdc.gov/>
Title: CDC COVID Data Tracker: Home
Summary: Stay up to date on the most recent data on vaccinations, cases, and deaths. Cases, Deaths, & Testing Case & Death Demographic Trends Vaccination Distribution & ...
]
Relevant (Y/N)? y

Result 2

[
URL: <https://covid19.who.int/>
Title: WHO Coronavirus (COVID-19) Dashboard
Summary: ... situation dashboard presents official daily counts of COVID-19 cases and deaths worldwide, along with vaccination rates and other vaccination data, ...
]
Relevant (Y/N)? y

Result 3

[
URL: <https://coronavirus.jhu.edu/map.html>
Title: COVID-19 Map - Johns Hopkins Coronavirus Resource Center
Summary: Coronavirus COVID-19 Global Cases by the Center for Systems Science and ... Data source error ... Retrospective reporting of (probable) cases and deaths.
]
Relevant (Y/N)? y

Result 4

[
URL: <https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covidview/index.html>
Title: COVID Data Tracker Weekly Review | CDC
Summary: See the COVID Data Tracker Weekly Review, including information on U.S. cases, variants, testing, vaccinations, hospitalizations, and deaths.
]
Relevant (Y/N)? y

Result 5

[
URL: <https://www.worldometers.info/coronavirus/>
Title: COVID - Coronavirus Statistics - Worldometer
Summary: Daily and weekly updated statistics tracking the number of COVID-19 cases, recovered, and deaths. Historical data with cumulative charts, graphs, ...
]
Relevant (Y/N)? y

Result 6

[
URL: <https://www.health.pa.gov/topics/disease/coronavirus/pages/cases.aspx>
Title: COVID-19 Data for Pennsylvania
Summary: The COVID-19 Dashboard discloses the number of confirmed and probable cases, deaths, ZIP-code level data, hospital preparedness, and case and death ...

]
Relevant (Y/N)? y

Result 7

[
URL: <https://www.nyc.gov/site/doh/covid/covid-19-data.page>
Title: COVID-19: Latest Data - NYC Health
Summary: Vaccinated New Yorkers have much lower rates of cases, hospitalizations, and deaths. About the data for this chart. Get the data.

]
Relevant (Y/N)? y

Result 8

[
URL: <https://sf.gov/data/covid-19-cases-and-deaths>
Title: COVID-19 cases and deaths | San Francisco
Summary: COVID-19 cases and deaths · New cases. We track the number of new cases to show how quickly the virus is spreading. · New cases by vaccination status. The data ...

]
Relevant (Y/N)? y

Result 9

[
URL: <https://www.nytimes.com/interactive/2021/us/covid-cases.html>
Title: Covid in the U.S.: Latest Maps, Case and Death Counts - The New ...
Summary: Track Covid-19 in your area, and get the latest state and county data on cases, deaths, hospitalizations, tests and vaccinations.

]
Relevant (Y/N)? y

Result 10

[
URL: <https://www.mass.gov/info-details/covid-19-response-reporting>
Title: COVID-19 Response Reporting | Mass.gov
Summary: Cumulative reports on Massachusetts COVID-19 cases, testing, and hospitalizations. Additional reports include nursing facility data, cases by city/town, ...

]
Relevant (Y/N)? y

=====
FEEDBACK SUMMARY
Query cases data deaths
Precision 1.0
Desired precision reached, done