

## Per Se Transcript

```
python query_exp.py AIzaSyDSfAcOzN3SyrUDN2fCe_QNIIX3sOLN5Rk c66d0519df77f44f1 0.9 "per se"
```

Parameters:

```
Client key = AIzaSyDSfAcOzN3SyrUDN2fCe_QNIIX3sOLN5Rk
Engine key = c66d0519df77f44f1
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. Michelin; Les Grandes; Relias. About. About;
Restaurant · Team · Info & Directions · Gift Experiences · Reservations; Menus & ...
]
```

Relevant (Y/N)?y

Result 2

```
[
  URL: https://www.merriam-webster.com/dictionary/perse
  Title: PERSE Definition & Meaning - Merriam-Webster
  Summary: The meaning of PERSE is of a dark grayish blue resembling indigo. How to use
perse in a sentence. Did you know?
]
```

Relevant (Y/N)?n

Result 3

```
[
  URL: https://www.thomaskeller.com/new-york-new-york/per-se/todays-menus
  Title: Today's Menus | Thomas Keller Restaurant Group
  Summary: Per Se. Daily Menus. Two tasting menus are offered daily: a nine-course chef's
tasting menu, as well as a ... Per Se . Complete your gift to make an impact.
]
```

Relevant (Y/N)?y

Result 4

```
[
  URL: https://www.reddit.com/r/grammar/comments/otxmm7/how_does_one_use_per_se/
  Title: How does one use 'per se'? : r/grammar
  Summary: Jul 29, 2021 ... Comments Section ... It roughly means "by itself", "in itself"
or "of itself" and is often used with a negative statement followed by a but to ...
]
```

Relevant (Y/N)?n

Result 5

```
[
  URL: https://en.wikipedia.org/wiki/Per_se
  Title: Per se - Wikipedia
  Summary: a primary topic, and an article needs to be written about it. It is believed to
qualify as a broad-concept article.
]
```

Relevant (Y/N)?n

Result 6

```
[
```

URL: <https://www.nytimes.com/2004/09/08/dining/the-magic-of-napa-with-urban-polish.html>  
 Title: The Magic of Napa With Urban Polish - The New York Times  
 Summary: Sep 8, 2004 ... Frank Bruni reviews Per Se, Thomas Keller's restaurant at Time Warner Center; photos (L)  
 ]  
 Relevant (Y/N)?y  
 Result 7  
 [  
 URL: <https://www.instagram.com/perseny/?hl=en>  
 Title: Per Se (@perseny) • Instagram photos and videos  
 Summary: 283K Followers, 202 Following, 1020 Posts - Per Se (@perseny) on Instagram: "Chef Thomas Keller's 3-Star Michelin restaurant overlooking Columbus Circle ...  
 ]  
 Relevant (Y/N)?y  
 Result 8  
 [  
 URL: <https://www.jamesperse.com/>  
 Title: James Perse Los Angeles  
 Summary: James Perse. Women. Women; Apparel. Apparel Main Menu; New Arrivals • At Home Essentials • Classics • Dresses/Jumpsuits • Sweaters/Cashmere • T-shirts.  
 ]  
 Relevant (Y/N)?n  
 Result 9  
 [  
 URL: <https://readable.com/blog/how-to-correctly-use-per-se/>  
 Title: Per se meaning, how to use per se in a sentence | Readable ...  
 Summary: Aug 11, 2017 ... 'Per se' is a Latin term which literally means, "by itself", "in itself" or "of itself". This means you're taking something out of its context to describe it ...  
 ]  
 Relevant (Y/N)?n  
 Result 10  
 [  
 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 (restaurant) ... Per Se is a New American and French restaurant at The Shops at Columbus Circle, on the fourth floor of the Deutsche Bank Center at 10 ...  
 ]  
 Relevant (Y/N)?y

#### FEEDBACK SUMMARY

Query: per se

Precision: 0.5

Still below the desired precision of 0.9

Indexing results ...

Indexing results ...

Augmenting by restaurant

#### Parameters:

Client key = AIzaSyDSfAc0zN3SyrUDN2fCe\_QNIIX3s0LN5Rk

Engine key = c66d0519df77f44f1

Query = per se restaurant

Precision = 0.9

Google Search Results:

---

Result 1

[  
URL: <https://www.thomaskeller.com/perseny>  
Title: Per Se | Thomas Keller Restaurant Group  
Summary: Private Dining & Events · Per Se. Per Se Front Door. center. Michelin; Les  
Grandes; Relias. About. About; Restaurant · Team · Info & Directions · Gift ...  
]

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 (restaurant) ... Per Se is a New American and French restaurant at The  
Shops at Columbus Circle, on the fourth floor of the Deutsche Bank Center at 10 ...  
]

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: Private Dining & Events · Per Se. Daily Menus. Two tasting menus are offered  
daily: a nine-course chef's tasting menu, as well as a nine-course vegetable ...  
]

Relevant (Y/N)?y

Result 4

[  
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 Stars: Exceptional cuisine restaurant in the 2024 MICHELIN  
Guide USA. The MICHELIN inspectors' point of view, information on prices, ...  
]

Relevant (Y/N)?y

Result 5

[  
URL: <https://www.thomaskeller.com/new-york-new-york/per-se/restaurant>  
Title: Opened in 2004, Per Se is Thomas Keller's acclaimed New York ...  
Summary: Restaurant. Opened in 2004, Per Se is Thomas Keller's acclaimed New York  
interpretation of The French Laundry in the Deutsche Bank Center at Columbus Circle ...  
]

Relevant (Y/N)?y

Result 6

[  
URL: <http://www.kevineats.com/2008/12/per-se-new-york-ny.htm>  
Title: Per Se (New York, NY) - kevinEats  
Summary: Dec 21, 2008 ... Teams from French Laundry were brought over for training, and  
the restaurant opened on February 16, 2004, almost exactly a decade after Keller ...  
]

Relevant (Y/N)?y

Result 7

[  
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 ...
restaurant is Chef Keller's second three-Michelin-starred property featuring ...
    ]
Relevant (Y/N)?y
Result 8
    [
        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.
    ]
Relevant (Y/N)?y
Result 9
    [
        URL: https://www.nytimes.com/2004/09/08/dining/the-magic-of-napa-with-urban-polish.html
        Title: The Magic of Napa With Urban Polish - The New York Times
        Summary: Sep 8, 2004 ... Yes, yes: Per Se suffers somewhat by comparison with the French
Laundry. That is the Napa Valley restaurant where Thomas Keller, the chef at Per ...
    ]
Relevant (Y/N)?n
Result 10
    [
        URL: https://www.thelotimes.com/p/per-se-french-laundry-price-hike-thomas-keller
        Title: Per Se's Longest Tasting Is Now $1,000! - by ryan sutton
        Summary: Jan 6, 2025 ... Per Se also offers a five-course salon tasting in a separate
room with couch seating and low tables. That now runs $285, up twenty bucks. Hey ...
    ]
Relevant (Y/N)?y
Desired precision reached.
...

```

## Wojcicki Transcript

```

python query_exp.py AIzaSyDSfAcOzN3SyrUDN2fCe_QNIIx3sOLN5Rk c66d0519df77f44f1 0.9 "wojcicki"
Parameters:
    Client key   = AIzaSyDSfAcOzN3SyrUDN2fCe_QNIIx3sOLN5Rk
    Engine key   = c66d0519df77f44f1
    Query        = wojcicki
    Precision    = 0.9
Google Search Results:
=====
Result 1
    [
        URL: https://en.wikipedia.org/wiki/Susan_Wojcicki
        Title: Susan Wojcicki - Wikipedia
        Summary: an American business executive who was the chief executive officer of YouTube
from 2014 to 2023. Her net worth was estimated at $765 million in 2022.
    ]
Relevant (Y/N)?n
Result 2
    [

```

URL:  
https://www.reddit.com/r/poland/comments/3bihro/susan\_wojcicki\_youtube\_ceo\_teaches\_how\_to/  
Title: Susan Wojcicki (YouTube CEO) teaches how to pronounce her ...  
Summary: Jun 29, 2015 ... She's combining Polish and English pronunciation of her last name. She combines the "j" and "c" initially, and then provides the Polish version of "c" as "ts".  
]  
Relevant (Y/N)?n  
Result 3  
[  
URL: https://x.com/susanwojcicki?lang=en  
Title: Susan Wojcicki (@SusanWojcicki) / X  
Summary: Susan Wojcicki's posts ... 's team and innovative solutions in sustainability and security to enable transparency and accountability for countries, communities ...  
]  
Relevant (Y/N)?n  
Result 4  
[  
URL: https://www.instagram.com/susanwojcicki/?hl=en  
Title: Susan Wojcicki (@susanwojcicki) • Instagram photos and videos  
Summary: YouTube CEO • Photo shared by YouTube for Families on May 27, 2022 tagging @susanwojcicki. Say hello to @susanwojcicki, the CEO of @YouTube. • Photo shared by ...  
]  
Relevant (Y/N)?n  
Result 5  
[  
URL: https://x.com/annewoj23?lang=en  
Title: Anne Wojcicki (@annewoj23) / X  
Summary: CEO and Co-Founder, 23andMe.  
]  
Relevant (Y/N)?y  
Result 6  
[  
URL: https://blog.youtube/inside-youtube/a-personal-update-from-susan/  
Title: A personal update from Susan - YouTube Blog  
Summary: A personal update from Susan. By Susan Wojcicki. Feb 16, 2023 – 3 minute read.  
Copy link. A personal update from Susan on stepping back from her role as CEO ...  
]  
Relevant (Y/N)?y  
Result 7  
[  
URL: https://www.instagram.com/heywoj/?hl=en  
Title: Esther Wojcicki (@heywoj) • Instagram photos and videos  
Summary: 8216 Followers, 1802 Following, 2042 Posts - Esther Wojcicki (@heywoj) on Instagram: " Author of How to Raise Successful People, Chief Education Advisor ...  
]  
Relevant (Y/N)?n  
Result 8  
[  
URL:  
https://www.facebook.com/esther.wojcicki/posts/it-is-with-soul-crushing-grief-that-i-announce-the-passing-of-my-daughter-susan-/10162259101335763/  
Title: Esther Wojcicki - It is with soul crushing grief that I... | Facebook

Summary: Aug 10, 2024 ... It is with soul crushing grief that I announce the passing of my daughter Susan. I am eternally grateful she was in my life.

]

Relevant (Y/N)?n

Result 9

[

URL: <https://www.linkedin.com/in/ed-wojcicki-bb02abb>

Title: Ed Wojcicki - Retired... but Consulting and Writing - Retired | LinkedIn

Summary: Steven Berry. "Ed Wojcicki is a keen listener and intelligent articulator of current circumstances and situations. His ability to discern needs and respond ...

]

Relevant (Y/N)?n

Result 10

[

URL: <https://physics.stanford.edu/news/professor-stanley-wojcicki-has-died-age-86>

Title: Professor Stanley Wojcicki has died at age 86 | Physics Department

Summary: Jun 5, 2023 ... Stanley G. Wojcicki died on May 31, 2023, at his condo in Los Altos at age 86. He still maintained his home on the Stanford campus.

]

Relevant (Y/N)?n

#### FEEDBACK SUMMARY

Query: wojcicki

Precision: 0.2

Still below the desired precision of 0.9

Indexing results ...

Indexing results ...

Augmenting by 23andme

#### Parameters:

Client key = AIzaSyDSfAc0zN3SyrUDN2fCe\_QNIIX3sOLN5Rk

Engine key = c66d0519df77f44f1

Query = wojcicki 23andme

Precision = 0.9

#### Google Search Results:

Result 1

[

URL: [https://en.wikipedia.org/wiki/Anne\\_Wojcicki](https://en.wikipedia.org/wiki/Anne_Wojcicki)

Title: Anne Wojcicki - Wikipedia

Summary: Anne E. Wojcicki is an American entrepreneur who co-founded and is CEO of the personal genomics company 23andMe. She founded the company in 2006 with Linda ...

]

Relevant (Y/N)?y

Result 2

[

URL: <https://investors.23andme.com/management/anne-wojcicki>

Title: Anne Wojcicki | Board Member, Management | 23andMe, Inc.

Summary: Anne Wojcicki ... Anne co-founded 23andMe in 2006, three years after the first human genome was sequenced. Her goal was audacious: to help people access, ...

]

Relevant (Y/N)?y

Result 3

[  
 URL: <https://www.instagram.com/annewoj23/?hl=en>  
 Title: Anne Wojcicki (@annewoj23) • Instagram photos and videos  
 Summary: 15K Followers, 238 Following, 83 Posts - Anne Wojcicki (@annewoj23) on  
 Instagram: "@23andme CEO Co-Founder | Think Big | Lead With Science | I ❤️ DNA| ...  
 ]  
 Relevant (Y/N)?y  
 Result 4  
 [  
 URL: <https://www.linkedin.com/in/annewojcicki>  
 Title: Anne Wojcicki - 23andMe | LinkedIn  
 Summary: Experience: 23andMe • Location: Mountain View • 500+ connections on LinkedIn.  
 View Anne Wojcicki's profile on LinkedIn, a professional community of 1 ...  
 ]  
 Relevant (Y/N)?y  
 Result 5  
 [  
 URL: <https://x.com/annewoj23?lang=en>  
 Title: Anne Wojcicki (@annewoj23) / X  
 Summary: CEO and Co-Founder, 23andMe.  
 ]  
 Relevant (Y/N)?y  
 Result 6  
 [  
 URL: <https://www.cbsnews.com/news/23andme-ceo-anne-wojcicki/>  
 Title: 23andMe CEO Anne Wojcicki responds to critics, shares plan for ...  
 Summary: Nov 27, 2024 ... Wojcicki said she's confident that in 2025, the company will be  
 "growing and thriving." In five years, it "will transform health care," she told King.  
 ]  
 Relevant (Y/N)?y  
 Result 7  
 [  
 URL: <https://articles.sequoiacap.com/2018-12-12-anne-wojcicki>  
 Title: Seven Questions with Anne Wojcicki  
 Summary: Dec 12, 2018 ... Anne Wojcicki is co-founder and CEO of 23andMe, a  
 direct-to-consumer genetic testing company with more than 5 million customers around the world.  
 ]  
 Relevant (Y/N)?y  
 Result 8  
 [  
 URL: <https://blog.23andme.com/tag/anne-wojcicki>  
 Title: Anne Wojcicki Archives - 23andMe Blog  
 Summary: Anne Wojcicki, 23andMe's CEO, co-founded the company in 2006, three years after  
 the first human genome was sequenced. Access, Understand and Benefit Her ...  
 ]  
 Relevant (Y/N)?y  
 Result 9  
 [  
 URL: <https://www.23andme.com/about/>  
 Title: About us - 23andMe  
 Summary: We're not just a health company; we're not just ancestry; we're all of these  
 things. We want to tell you about you. Anne Wojcicki ...  
 ]

Relevant (Y/N)?y

Result 10

```
[
  URL:
  https://fortune.com/2024/10/17/23andme-what-happened-stock-board-resigns-anne-wojcicki/
  Title: DNA tester 23andMe's entire board resigned on the same day ...
  Summary: Oct 17, 2024 ... As for Wojcicki, 23andMe has garnered takeover interest from a
small New York-based DNA testing startup called Nucleus, but Wojcicki has ...
]
```

Relevant (Y/N)?y

Desired precision reached.

## Milky Way Transcript

python query\_exp.py AIzaSyDSfAc0zN3SyrUDN2fCe\_QNIIX3s0LN5Rk c66d0519df77f44f1 0.9 "milky way"

Parameters:

```
Client key = AIzaSyDSfAc0zN3SyrUDN2fCe_QNIIX3s0LN5Rk
Engine key = c66d0519df77f44f1
Query      = milky way
Precision  = 0.9
```

Google Search Results:

Result 1

```
[
  URL: https://en.wikipedia.org/wiki/Milky_Way
  Title: Milky Way - Wikipedia
  Summary: The Milky Way is a barred spiral galaxy with a D25 isophotal diameter estimated
at 26.8 ± 1.1 kiloparsecs (87,400 ± 3,600 light-years), but only about 1,000 ...
]
```

Relevant (Y/N)?n

Result 2

```
[
  URL: https://www.milkywaybar.com/
  Title: Explore MILKY WAY® Official Website | Chocolate Bars
  Summary: Explore MILKY WAY® Bar products and nutrition information, fun facts about the
oh so stretchy caramel chocolate bar, social media channels, and much more!
]
```

Relevant (Y/N)?y

Result 3

```
[
  URL: https://www.milkywayla.com/
  Title: Milky Way LA Restaurant Los Angeles
  Summary: Opened in 1977 by Bernie & Leah (Spielberg) Adler, The Milky Way is a storied,
family-owned restaurant located in the heart of the Pico-Robertson ...
]
```

Relevant (Y/N)?n

Result 4

```
[
  URL: https://science.nasa.gov/resource/the-milky-way-galaxy/
  Title: The Milky Way Galaxy - NASA Science
  Summary: Nov 8, 2017 ... The Milky Way's elegant spiral structure is dominated by just
two arms wrapping off the ends of a central bar of stars.
]
```



Relevant (Y/N)?n

Result 5

[  
URL: <https://www.space.com/19915-milky-way-galaxy.html>  
Title: Milky Way galaxy: Facts about our cosmic neighborhood | Space  
Summary: Apr 18, 2023 ... Everything else in the galaxy revolves around this powerful gateway to nothingness. In its immediate surroundings is a tightly packed region of ...  
]

Relevant (Y/N)?n

Result 6

[  
URL: <https://imagine.gsfc.nasa.gov/science/objects/milkyway1.html>  
Title: NASA - The Milky Way Galaxy  
Summary: The Milky Way is a large barred spiral galaxy. All the stars we see in the night sky are in our own Milky Way Galaxy.  
]

Relevant (Y/N)?n

Result 7

[  
URL: <https://www.amnh.org/explore/ology/astronomy/the-milky-way-galaxy2>  
Title: The Milky Way Galaxy | AMNH  
Summary: The Milky Way is a huge collection of stars, dust and gas. It's called a spiral galaxy because if you could view it from the top or bottom, it would look like a ...  
]

Relevant (Y/N)?n

Result 8

[  
URL: <https://www.milkywaypgh.com/>  
Title: Milky Way Pittsburgh  
Summary: Here at Milky Way, we pride ourselves on offering delicious Kosher alternatives to the essential pizzeria foods normally sold in a standard pizzeria.  
]

Relevant (Y/N)?n

Result 9

[  
URL: <https://www.nasa.gov/image-article/milky-way-on-the-horizon/>  
Title: Milky Way on the Horizon - NASA  
Summary: 21 hours ago ... NASA astronaut Don Pettit used a camera with low light and long duration settings to capture this Jan. 29, 2025, image of the Milky Way ...  
]

Relevant (Y/N)?n

Result 10

[  
URL: <https://rowstercoffee.com/products/milky-way>  
Title: Milky Way - Rowster Coffee  
Summary: Roast Level: Medium - Dark Tasting Notes: Rich, Walnut, Sweet Description: Our flagship blend, showcases our range of roast profiles and ability to source ...  
]

Relevant (Y/N)?n

FEEDBACK SUMMARY

Query: milky way

Precision: 0.1

Still below the desired precision of 0.9

Indexing results...

Indexing results...

Augmenting by bar

Parameters:

Client key = AIzaSyDSfAcOzN3SyrUDN2fCe\_QNIIX3sOLN5Rk

Engine key = c66d0519df77f44f1

Query = milky way bar

Precision = 0.9

Google Search Results:

Result 1

[

URL: [https://en.wikipedia.org/wiki/Milky\\_Way\\_\(chocolate\\_bar\)](https://en.wikipedia.org/wiki/Milky_Way_(chocolate_bar))

Title: Milky Way (chocolate bar) - Wikipedia

Summary: Milky Way (chocolate bar) ... Milky Way is a brand of chocolate-covered confectionery bar manufactured and marketed by Mars Inc.. There are two varieties: ...

]

Relevant (Y/N)?y

Result 2

[

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

Title: Explore MILKY WAY® Official Website | Chocolate Bars

Summary: Explore MILKY WAY® Bar products and nutrition information, fun facts about the oh so stretchy caramel chocolate bar, social media channels, and much more!

]

Relevant (Y/N)?y

Result 3

[

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

Title: Milky Way

Summary: C'est une fraîcheur tropicale qui vous attend en haut des marches black light et fluo du Milky Way. Niché au coeur de Pointe Saint-Charles, le nouveau bar à ...

]

Relevant (Y/N)?y

Result 4

[

URL: [https://www.reddit.com/r/AskEurope/comments/9plczy/whats\\_inside\\_a\\_milky\\_way\\_bar/](https://www.reddit.com/r/AskEurope/comments/9plczy/whats_inside_a_milky_way_bar/)

Title: What's inside a Milky Way bar? : r/AskEurope

Summary: Oct 19, 2018 ... I was surprised when I watched this ad because in Russia Milky Way contains souffle inside.

]

Relevant (Y/N)?^CTraceback (most recent call last):

File "/Users/maxinetamas/class/advanced\_db\_systems-s2025/InformationRetrieval/query\_exp.py", line 116, in <module>

main(args.google\_api\_key, args.google\_engine\_id, args.precision, args.query)

File "/Users/maxinetamas/class/advanced\_db\_systems-s2025/InformationRetrieval/query\_exp.py", line 90, in main

cur\_precision, rlvnt\_docs, irrlvnt\_docs = get\_user\_feedback(query\_results)

File "/Users/maxinetamas/class/advanced\_db\_systems-s2025/InformationRetrieval/query\_exp.py", line 46, in get\_user\_feedback

```
relevance = input("Relevant (Y/N)?")
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
```

KeyboardInterrupt

```
(venv-ml) MacBook-Pro-671:InformationRetrieval maxinetamas$ python query_exp.py
AIzaSyDSfAcOzN3SyrUDN2fCe_QNIIX3sOLN5Rk c66d0519df77f44f1 0.9 "milky way"
```

Parameters:

```
Client key  = AIzaSyDSfAcOzN3SyrUDN2fCe_QNIIX3sOLN5Rk
Engine key  = c66d0519df77f44f1
Query       = milky way
Precision   = 0.9
```

Google Search Results:

Result 1

```
[
  URL: https://en.wikipedia.org/wiki/Milky_Way
  Title: Milky Way - Wikipedia
  Summary: The Milky Way is a barred spiral galaxy with a D25 isophotal diameter estimated
at 26.8 ± 1.1 kiloparsecs (87,400 ± 3,600 light-years), but only about 1,000 ...
]
```

Relevant (Y/N)?n

Result 2

```
[
  URL: https://www.milkywaybar.com/
  Title: Explore MILKY WAY® Official Website | Chocolate Bars
  Summary: Explore MILKY WAY® Bar products and nutrition information, fun facts about the
oh so stretchy caramel chocolate bar, social media channels, and much more!
]
```

Relevant (Y/N)?y

Result 3

```
[
  URL: https://www.milkywayla.com/
  Title: Milky Way LA Restaurant Los Angeles
  Summary: Opened in 1977 by Bernie & Leah (Spielberg) Adler, The Milky Way is a storied,
family-owned restaurant located in the heart of the Pico-Robertson ...
]
```

Relevant (Y/N)?n

Result 4

```
[
  URL: https://science.nasa.gov/resource/the-milky-way-galaxy/
  Title: The Milky Way Galaxy - NASA Science
  Summary: Nov 8, 2017 ... The Milky Way's elegant spiral structure is dominated by just
two arms wrapping off the ends of a central bar of stars.
]
```

Relevant (Y/N)?n

Result 5

```
[
  URL: https://www.space.com/19915-milky-way-galaxy.html
  Title: Milky Way galaxy: Facts about our cosmic neighborhood | Space
  Summary: Apr 18, 2023 ... Everything else in the galaxy revolves around this powerful
gateway to nothingness. In its immediate surroundings is a tightly packed region of ...
]
```

Relevant (Y/N)?n

Result 6  
[  
URL: <https://imagine.gsfc.nasa.gov/science/objects/milkyway1.html>  
Title: NASA - The Milky Way Galaxy  
Summary: The Milky Way is a large barred spiral galaxy. All the stars we see in the night sky are in our own Milky Way Galaxy.  
]

Relevant (Y/N)?n

Result 7  
[  
URL: <https://www.amnh.org/explore/ology/astronomy/the-milky-way-galaxy2>  
Title: The Milky Way Galaxy | AMNH  
Summary: The Milky Way is a huge collection of stars, dust and gas. It's called a spiral galaxy because if you could view it from the top or bottom, it would look like a ...  
]

Relevant (Y/N)?n

Result 8  
[  
URL: <https://www.milkywaypgh.com/>  
Title: Milky Way Pittsburgh  
Summary: Here at Milky Way, we pride ourselves on offering delicious Kosher alternatives to the essential pizzeria foods normally sold in a standard pizzeria.  
]

Relevant (Y/N)?n

Result 9  
[  
URL: <https://www.nasa.gov/image-article/milky-way-on-the-horizon/>  
Title: Milky Way on the Horizon - NASA  
Summary: 21 hours ago ... NASA astronaut Don Pettit used a camera with low light and long duration settings to capture this Jan. 29, 2025, image of the Milky Way ...  
]

Relevant (Y/N)?n

Result 10  
[  
URL: <https://rowstercoffee.com/products/milky-way>  
Title: Milky Way - Rowster Coffee  
Summary: Roast Level: Medium - Dark Tasting Notes: Rich, Walnut, Sweet Description: Our flagship blend, showcases our range of roast profiles and ability to source ...  
]

Relevant (Y/N)?n

#### FEEDBACK SUMMARY

Query: milky way

Precision: 0.1

Still below the desired precision of 0.9

Indexing results ...

Indexing results ...

Augmenting by bar

#### Parameters:

Client key = AIzaSyDSfAc0zN3SyrUDN2fCe\_QNIIX3sOLN5Rk

Engine key = c66d0519df77f44f1

Query = milky way bar

Precision = 0.9

Google Search Results:

---

---

Result 1

[  
URL: [https://en.wikipedia.org/wiki/Milky\\_Way\\_\(chocolate\\_bar\)](https://en.wikipedia.org/wiki/Milky_Way_(chocolate_bar))  
Title: Milky Way (chocolate bar) - Wikipedia  
Summary: Milky Way (chocolate bar) ... Milky Way is a brand of chocolate-covered confectionery bar manufactured and marketed by Mars Inc.. There are two varieties: ...  
]

Relevant (Y/N)?y

Result 2

[  
URL: <https://www.milkywaybar.com/>  
Title: Explore MILKY WAY® Official Website | Chocolate Bars  
Summary: Explore MILKY WAY® Bar products and nutrition information, fun facts about the oh so stretchy caramel chocolate bar, social media channels, and much more!  
]

Relevant (Y/N)?y

Result 3

[  
URL: <https://www.milkywaycocktails.com/>  
Title: Milky Way  
Summary: C'est une fraîcheur tropicale qui vous attend en haut des marches black light et fluo du Milky Way. Niché au coeur de Pointe Saint-Charles, le nouveau bar à ...  
]

Relevant (Y/N)?n

Result 4

[  
URL: [https://www.reddit.com/r/AskEurope/comments/9plczy/whats\\_inside\\_a\\_milky\\_way\\_bar/](https://www.reddit.com/r/AskEurope/comments/9plczy/whats_inside_a_milky_way_bar/)  
Title: What's inside a Milky Way bar? : r/AskEurope  
Summary: Oct 19, 2018 ... I was surprised when I watched this ad because in Russia Milky Way contains souffle inside.  
]

Relevant (Y/N)?y

Result 5

[  
URL: <https://greenvalleykitchen.com/milky-way-walnut-cookie-bars/>  
Title: Milky Way Walnut Cookie Bars - Green Valley Kitchen  
Summary: Nov 16, 2014 ... I added 1 cup of Milky Way pieces to the batter. After baking the cookie bars for 15 minutes, I took the pan out of the oven and sprinkled the ...  
]

Relevant (Y/N)?n

Result 6

[  
URL:  
[https://www.reddit.com/r/cocktails/comments/b72cub/almost\\_3\\_months\\_after\\_the\\_opening\\_milky\\_way/](https://www.reddit.com/r/cocktails/comments/b72cub/almost_3_months_after_the_opening_milky_way/)  
Title: Almost 3 months after the opening ! Milky Way cocktail bar in MTL : r ...  
Summary: Mar 29, 2019 ... The bar looks AWESOME! I'm in the process of opening a spot in Chicago and we're currently in the works of removing the ceiling to put in a 40 ft skylight.  
]

Relevant (Y/N)?n

Result 7

[  
URL:  
[https://www.tripadvisor.com/ShowTopic-g60709-i381-k10932518-Milky\\_Way-Bar\\_Harbor\\_Mount\\_Desert\\_Island\\_Maine.html](https://www.tripadvisor.com/ShowTopic-g60709-i381-k10932518-Milky_Way-Bar_Harbor_Mount_Desert_Island_Maine.html)  
Title: Milky Way - Bar Harbor Forum - Tripadvisor  
Summary: Oct 12, 2017 ... Yes, you should be able to see the Milky Way on a clear night in Acadia at this time of year. Early evening hours from Sand Beach would be good.  
]

Relevant (Y/N)?n

Result 8

[  
URL:  
[https://www.reddit.com/r/candy/comments/1ekb7gy/is\\_there\\_a\\_real\\_difference\\_between\\_a\\_mars\\_bar\\_and/](https://www.reddit.com/r/candy/comments/1ekb7gy/is_there_a_real_difference_between_a_mars_bar_and/)  
Title: Is there a real difference between a Mars Bar and a Milky Way? : r ...  
Summary: Aug 5, 2024 ... The US Milky Way is softer in texture than a Mars bar. Third, the ratio of nougat, caramel and chocolate is different in the US Milky Way and a Mars bar.  
]

Relevant (Y/N)?y

Result 9

[  
URL: [https://www.aanda.org/articles/aa/full\\_html/2024/01/aa48365-23/aa48365-23.html](https://www.aanda.org/articles/aa/full_html/2024/01/aa48365-23/aa48365-23.html)  
Title: Insights from super-metal-rich stars: Is the Milky Way bar young ...  
Summary: Jan 10, 2024 ... We study a homogeneous and large sample of SMR stars in the SNIa to provide tighter constraints on the epoch of the bar formation and its impact on the Milky ...  
]

Relevant (Y/N)?n

Result 10

[  
URL:  
[https://www.reddit.com/r/todayilearned/comments/17f88kl/til\\_the\\_chocolate\\_bar\\_milky\\_way\\_is\\_called\\_mars/](https://www.reddit.com/r/todayilearned/comments/17f88kl/til_the_chocolate_bar_milky_way_is_called_mars/)  
Title: TIL The chocolate bar Milky Way is called Mars Bar by the non-US ...  
Summary: Oct 24, 2023 ... Aus - Milky way is a tiny bar with just whipped nougat. A Mars bar is full size with a layer of caramel. The advertising campaigns are totally ...  
]

Relevant (Y/N)?y

#### FEEDBACK SUMMARY

Query: milky way bar

Precision: 0.5

Still below the desired precision of 0.9

Indexing results...

Indexing results...

Augmenting by chocolate

#### Parameters:

Client key = AIzaSyDSfAc0zN3SyrUDN2fCe\_QNIIX3s0LN5Rk

Engine key = c66d0519df77f44f1

Query = bar way milky chocolate

Precision = 0.9

Google Search Results:

---

---

Result 1

[  
URL: [https://en.wikipedia.org/wiki/Milky\\_Way\\_\(chocolate\\_bar\)](https://en.wikipedia.org/wiki/Milky_Way_(chocolate_bar))  
Title: Milky Way (chocolate bar) - Wikipedia  
Summary: Milky Way (chocolate bar) ... Milky Way is a brand of chocolate-covered confectionery bar manufactured and marketed by Mars Inc.. There are two varieties: ...  
]

Relevant (Y/N)?y

Result 2

[  
URL: <https://www.milkywaybar.com/>  
Title: Explore MILKY WAY® Official Website | Chocolate Bars  
Summary: Explore MILKY WAY® Bar products and nutrition information, fun facts about the oh so stretchy caramel chocolate bar, social media channels, and much more!  
]

Relevant (Y/N)?y

Result 3

[  
URL: <https://sherisilver.com/2016/06/23/white-chocolate-milky-way-bars/>  
Title: white chocolate milky way bars! | Sheri Silver - living a well-tended ...  
Summary: Jun 23, 2016 ... 2 cups white chocolate chips, divided 7-ounce container Marshmallow Fluff 1/4 cup malted milk powder (plus extra, for sprinkling) 7 ounces ...  
]

Relevant (Y/N)?y

Result 4

[  
URL: <https://www.milkywaybar.com/our-products>  
Title: Our Chocolate Candy Bar Products | MILKY WAY®  
Summary: So. Much. Caramel. From classic favorites to latest releases, discover every MILKY WAY®chocolate candy product.  
]

Relevant (Y/N)?y

Result 5

[  
URL: <https://www.amazon.com/MilkyWay-Candy-Milk-Chocolate-Bars/dp/B0029JFOVK>  
Title: MilkyWay Candy Milk Chocolate Bars Bulk Pack, Full ... - Amazon.com  
Summary: MilkyWay Candy Milk Chocolate Bars Bulk Pack, Full Size, 1.84 oz Pack of 36) · 1.84 Ounce (Pack of 36). \$38.94\$38.94. \$0.59 per Ounce(\$0.59\$0.59 / Ounce). In ...  
]

Relevant (Y/N)?y

Result 6

[  
URL:  
[https://www.reddit.com/r/unpopularopinion/comments/qhxa8h/milky\\_way\\_is\\_the\\_best\\_chocolate\\_bar/](https://www.reddit.com/r/unpopularopinion/comments/qhxa8h/milky_way_is_the_best_chocolate_bar/)  
Title: Milky Way is the best chocolate bar. : r/unpopularopinion  
Summary: Oct 28, 2021 ... Milky Way is the best chocolate bar. Call me a child, but the smoothness of the milk chocolate, and the caramel within it gives it a taste of pure bliss and ...  
]

Relevant (Y/N)?y

Result 7

[  
URL: <https://www.cupcakeproject.com/nougat-with-chocolate-malt-like-in/>

Title: Nougat With Chocolate Malt - Like in Milky Way Bars - Cupcake ...

Summary: Jan 24, 2011 ... Ingredients · o 2 cups granulated sugar · o 2/3 cup light corn syrup · o 2/3 cup water · o 2 large egg whites · o 2 ounces unsweetened chocolate

]

Relevant (Y/N)?y

Result 8

[

URL:

[https://www.reddit.com/r/traderjoes/comments/13v42j9/appreciation\\_post\\_for\\_the\\_scoring\\_on\\_the\\_milk/](https://www.reddit.com/r/traderjoes/comments/13v42j9/appreciation_post_for_the_scoring_on_the_milk/)

Title: Appreciation post for the scoring on the milk chocolate and ...

Summary: May 29, 2023 ... Is it just me or does the branding on the packaging make anyone else think of the Milk Bar corn flake cookies? The way "milk" and "bar" are ...

]

Relevant (Y/N)?n

Result 9

[

URL: <https://chocolatebythebay.com/magazine/outsidechocolate/the-milky-way/>

Title: The Milky Way - Chocolate by the Bay

Summary: Feb 17, 2022 ... The taste was unique: savory, not very milky, a little smoky, and caramelized. It's a not too sweet bar, with a deeper, richer taste than ...

]

Relevant (Y/N)?y

Result 10

[

URL:

<https://togo.foodlion.com/store/food-lion/products/103823-milky-way-milk-chocolate-candy-bar-share-2-ea>

Title: Milky Way Candy Milk Chocolate Bar Share Size Same-Day ...

Summary: Smooth nougat, creamy caramel and rich milk chocolate. That's what some might call the MILKY WAY trifecta. And a treat this delectable is too good not to share.

]

Relevant (Y/N)?y

Desired precision reached.