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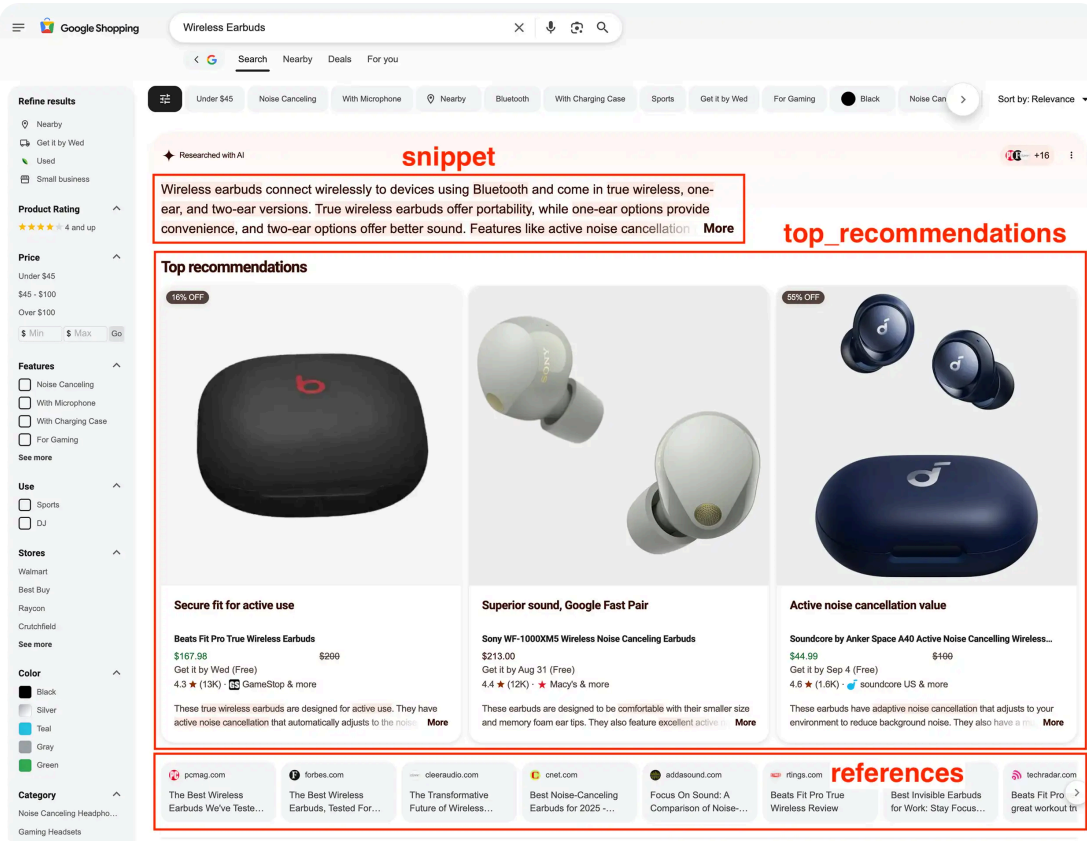- YouTube Search API
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🤖 Google Shopping AI Overview Results API

Google Shopping provides an AI Overview ("Researched with AI") block for some searches. SerpApi can scrape, extract, and make sense of this information. Currently, AI Overview block is only seen with English searches (`hl=en`) and a limited range of countries (`gl`).

JSON structure overview

```
{
  ...
  "ai_overview": {
    "snippet": "String - Main overview text",
    "snippet_highlighted_words": "Array - List of the highlighted words in the overview text",
    "top_recommendations": "Array - List of top recommended shopping results",
    "references": [
      {
        "title": "String - Title of the reference",
        "link": "String - URL of the reference",
        "source": "String - Name of the reference source",
        "source_logo": "String - URL of the source logo"
      }
    ]
  },
  ...
}
```

Results for: q : `Wireless Earbuds`

GET

```
1  https://serpapi.com/search.json?
   engine=google_shopping&q=Wireless+Earbuds&hl=en&gl=us
```

Code to integrate   Ruby

```
1   require "serpapi"
2
3   client = SerpApi::Client.new(
4     engine: "google_shopping",
5     q: "Wireless Earbuds",
6     hl: "en",
7     gl: "us",
8     api_key:
9     "a85853e3401522bd0dbb7b0d6b4901dc8a5849baae4354be6cea1dd229296958"
10  )
11
12  results = client.search
    ai_overview = results[:ai_overview]
```

{} JSON Example

```
      "snippet": "Wireless earbuds connect wirelessly to devices using Bluetoot
      "snippet_highlighted_words": [
        "Wireless earbuds",
        "Bluetooth",
        "true wireless, one-ear, and two-ear versions",
        ...
    ],
    "top_recommendations": [
      {
        "position": 1,
        "title": "Beats Fit Pro True Wireless Earbuds",
        "tagline": "Secure fit for active use",
        "product_link": "https://www.google.com/shopping/product/12337809096S
        "product_id": "12337809096901380400",
        "immersive_product_page_token": "eyJlaSI6Il9rT3NhTDlheGVEeEFlcVUxMEUi
        "serpapi_immersive_product_api": "https://serpapi.com/search.json?enc
        "source": "GameStop",
        "source_icon": "https://serpapi.com/searches/68ac43fcbd6b298f4fad07ef
        "multiple_sources": true,
        "price": "$167.98",
        "extracted_price": 167.98,
        "old_price": "$200",
        "extracted_old_price": 200,
        "rating": 4.3,
        "reviews": 13000,
        "snippet": "These true wireless earbuds are designed for active use.
        "snippet_highlighted_words": [
          "true wireless earbuds",
          "active use",
          "active noise cancellation",
          ...
        ],
        "thumbnail": "https://serpapi.com/searches/68ac43fcbd6b298f4fad07ef/i
        "tag": "16% OFF",
        "extensions": [
          "16% OFF"
        ],
        "delivery": "Get it by Wed (Free)"
      },
      {
        "position": 2,
        "title": "Sony WF-1000XM5 Wireless Noise Canceling Earbuds",
        "tagline": "Superior sound, Google Fast Pair",
        "product_link": "https://www.google.com/shopping/product/129258494534
        "product_id": "12925849453460004859",
        "immersive_product_page_token": "eyJlaSI6Il9rT3NhTDlheGVEeEFlcVUxMEUi
        "serpapi_immersive_product_api": "https://serpapi.com/search.json?enc
        "source": "Macy's",
        "source_icon": "https://serpapi.com/searches/68ac43fcbd6b298f4fad07ef
        "multiple_sources": true,
        "price": "$213.00",
        "extracted_price": 213,
        "rating": 4.4,
        "reviews": 12000,
        "snippet": "These earbuds are designed to be comfortable with their s
        "snippet_highlighted_words": [
          "comfortable",
          "excellent active noise cancellation",
          "Bluetooth multipoint"
        ],
        "thumbnail": "https://serpapi.com/searches/68ac43fcbd6b298f4fad07ef/i
        "delivery": "Get it by Aug 31 (Free)"
      },
      {
        "position": 3,
        "title": "Soundcore by Anker Space A40 Active Noise Cancelling Wirele
        "tagline": "Active noise cancellation value",
        "product_link": "https://www.google.com/shopping/product/124421634378
        "product_id": "1244216343782339438",
        "immersive_product_page_token": "eyJlaSI6Il9rT3NhTDlheGVEeEFlcVUxMEUi
        "serpapi_immersive_product_api": "https://serpapi.com/search.json?enc
        "source": "soundcore US",
        "source_icon": "https://serpapi.com/searches/68ac43fcbd6b298f4fad07ef
        "multiple_sources": true,
        "price": "$44.99",
        "extracted_price": 44.99,
        "old_price": "$100",
        "extracted_old_price": 100,
        "rating": 4.6,
        "reviews": 1600,
        "snippet": "These earbuds have adaptive noise cancellation that adjus
        "snippet_highlighted_words": [
          "adaptive noise cancellation",
          "multipoint connection",
          "comfortable",
          ...
        ],
        "thumbnail": "https://serpapi.com/searches/68ac43fcbd6b298f4fad07ef/i
        "tag": "55% OFF",
        "extensions": [
          "55% OFF"
        ],
        "delivery": "Get it by Sep 4 (Free)"
      }
    ],
    "references": [
      {
        "title": "The Best Wireless Earbuds We've Tested for 2025 | PCMag",
        "link": "https://www.pcmag.com/picks/airpod-alternatives-the-best-tru
        "source": "pcmag.com",
        "source_logo": "https://serpapi.com/searches/68ac43fcbd6b298f4fad07ef
      },
      {
        "title": "The Best Wireless Earbuds, Tested For Months By Our Tech Ed
        "link": "https://www.forbes.com/sites/forbes-personal-shopper/article
        "source": "forbes.com",
        "source_logo": "https://serpapi.com/searches/68ac43fcbd6b298f4fad07ef
      },
      {
        "title": "The Transformative Future of Wireless Headphones and Earbuc
        "link": "https://cleeraudio.com/wireless-headphones-and-earbuds-unvei
        "source": "cleeraudio.com",
        "source_logo": "https://serpapi.com/searches/68ac43fcbd6b298f4fad07ef
      },
      ...
    ]
  }
  ...
}
```

/

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