

In [1]: `import wikipedia as wiki`

```
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-
ModuleNotFoundError                                Traceback (most recent call last)
C:\Users\VENKAT~1.B\AppData\Local\Temp\ipykernel_13656\3713470346.py in <module>
----> 1 import wikipedia as wiki

ModuleNotFoundError: No module named 'wikipedia'
```

In [2]: `- pip install wikipedia`

```
File "C:\Users\VENKAT~1.B\AppData\Local\Temp\ipykernel_13656\3686591882.py", line 1
- pip install wikipedia
    ^
SyntaxError: invalid syntax
```

In [3]: `pip install wikipedia`

```
Collecting wikipedia
  Downloading wikipedia-1.4.0.tar.gz (27 kB)
Requirement already satisfied: beautifulsoup4 in c:\users\venkatakrishnan.b\anaconda3\lib\site-packages (from wikipedia) (4.10.0)
Requirement already satisfied: requests<3.0.0,>=2.0.0 in c:\users\venkatakrishnan.b\anaconda3\lib\site-packages (from wikipedia) (2.26.0)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\venkatakrishnan.b\anaconda3\lib\site-packages (from requests<3.0.0,>=2.0.0->wikipedia) (1.26.7)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\venkatakrishnan.b\anaconda3\lib\site-packages (from requests<3.0.0,>=2.0.0->wikipedia) (2021.10.8)
Requirement already satisfied: idna<4,>=2.5 in c:\users\venkatakrishnan.b\anaconda3\lib\site-packages (from requests<3.0.0,>=2.0.0->wikipedia) (3.2)
Requirement already satisfied: charset-normalizer~=2.0.0 in c:\users\venkatakrishnan.b\anaconda3\lib\site-packages (from requests<3.0.0,>=2.0.0->wikipedia) (2.0.4)
Requirement already satisfied: soupsieve>1.2 in c:\users\venkatakrishnan.b\anaconda3\lib\site-packages (from beautifulsoup4->wikipedia) (2.2.1)
Building wheels for collected packages: wikipedia
  Building wheel for wikipedia (setup.py): started
  Building wheel for wikipedia (setup.py): finished with status 'done'
  Created wheel for wikipedia: filename=wikipedia-1.4.0-py3-none-any.whl size=11696 sha256=c97ec693ca766e3388e93c54273cfddc7b5c15daec3584a049019d3ebdf6cacc
  Stored in directory: c:\users\venkatakrishnan.b\appdata\local\pip\cache\wheels\c2\46\f4\caa1bee71096d7b0cdca2f2a2af45cacf35c5760bee8f00948
Successfully built wikipedia
Installing collected packages: wikipedia
Successfully installed wikipedia-1.4.0
Note: you may need to restart the kernel to use updated packages.
```

```
In [4]: import wikipedia as wiki
```

```
In [5]: print(wiki.search("indian railway "))
```

```
['Indian Railways', 'Zones and divisions of Indian Railways', 'Indian Railways coaching stock', 'Indian Railway Catering and Tourism Corporation', 'Ministry of Railways (India)', 'Bangalore City railway station', 'Secunderabad Junction railway station', 'Longest train services of Indian Railways', 'Indian Railway Traffic Service', '5 ft 6 in gauge railway']
```

```
In [6]: print(wiki.suggest("railway"))
```

None

```
In [8]: print(wiki.suggest("Indian railway"))
```

None

```
In [9]: print(wiki.summary("indian railway"))
```

Indian Railways (IR) is a statutory body under the ownership of the Ministry of Railways, Government of India that operates India's national railway system. It manages the fourth largest national railway system in the world by size, with a total route length of 68,043 km (42,280 mi), running track length of 102,831 km (63,896 mi) and track length of 128,305 km (79,725 mi) as of 31 March 2022. 58,812 km (36,544 mi) of all the gauge routes are electrified with 25 kV 50 Hz AC electric traction as of 1 April 2023. In 2020, Indian Railways carried 808.6 crore (8.086 billion) passengers and in 2022, Railways transported 1418.1 million tonnes of freight. It runs 13,169 passenger trains daily, on both long-distance and suburban routes, covering 7,325 stations across India. Mail or Express trains, the most common types of trains, run at an average speed of 50.6 km/h (31.4 mph). Suburban EMUs run at an average speed of 37.5 km/h (23.3 mph). Ordinary passenger trains (incl. mixed) run at an average speed of 33.5 km/h (20.8 mph). The maximum speed of passenger trains varies, with the Vande Bharat Express running at a peak speed of 180 km/h (110 mph).

In the freight segment, IR runs 8,479 trains daily. The average speed of freight trains is around 42.2 km/h (26.2 mph). The maximum speed of freight trains varies from 60–75 km/h (37–47 mph) depending on their axle load with 'container special' trains running at a peak speed of 100 km/h (62 mph). As of March 2022, Indian Railways' rolling stock consisted of 3,18,196 freight wagons, 84,863 passenger coaches and 13,215 locomotives. IR owns locomotive and coach-production facilities at several locations in India. It had 1.38 Million employees as of March 2020, making it the world's tenth-largest employer. The government has committed to electrifying India's entire rail network by 2023–24, and become a "net zero (carbon emissions) railway" by 2030.

```
In [10]: wiki.set_lang("fr")
print(wiki.summary("indian railway "))
```

Indian Railways ou IR (hindi : भारतीय रेल (Bhāratiya Rail), « chemins de fer indiens ») est l'entreprise publique qui exploite le réseau ferroviaire d'Inde. Elle est sous la surveillance du ministère des Chemins de fer du gouvernement central.

Les Indian Railways ont été créés en 1951 par la nationalisation et le regroupement des différentes compagnies existantes jusque-là.

```
In [12]: wiki.set_lang("en")  
p = wiki.page("indian railway")
```

```
In [13]: print(p.title)
```

Indian Railways

```
In [14]: print(p.url)
```

https://en.wikipedia.org/wiki/Indian_Railways (https://en.wikipedia.org/wiki/Indian_Railways)

```
In [15]: print(p.content)
```

Indian Railways (IR) is a statutory body under the ownership of the Ministry of Railways, Government of India that operates India's national railway system. It manages the fourth largest national railway system in the world by size, with a total route length of 68,043 km (42,280 mi), running track length of 102,831 km (63,896 mi) and track length of 128,305 km (79,725 mi) as of 31 March 2022. 58,812 km (36,544 mi) of all the gauge routes are electrified with 25 kV 50 Hz AC electric traction as of 1 April 2023. In 2020, Indian Railways carried 808.6 crore (8.086 billion) passengers and in 2022, Railways transported 1418.1 million tonnes of freight. It runs 13,169 passenger trains daily, on both long-distance and suburban routes, covering 7,325 stations across India. Mail or Express trains, the most common types of trains, run at an average speed of 50.6 km/h (31.4 mph). Suburban EMUs run at an average speed of 37.5 km/h (23.3 mph). Ordinary passenger trains (incl. mixed) run at an average speed of 33.5 km/h (20.8 mph). The maximum speed of passenger trains varies, with the Vande Bharat Express running at a peak speed of 180 km/h (110 mph).

In the freight segment, IR runs 8,479 trains daily. The average speed of freight trains is around 42.2 km/h (26.2 mph). The maximum speed of freight trains is around 60 km/h (37 mph).