Accessing and querying Databases with SQL magic in Google Colab

Google colab

Advantages:

- Pre-Installed Libraries
- Saved on the Cloud
- Collaboration
- Free GPU and TPU Use

SQL Magic

SQL magic makes it possible:

- To write SQL queries directly into code cells

- Read the results directly into pandas DataFrames

Types of magic commands:

- Line magics: %
- Cell magics: %%

Magic commands have the general format:

```
%magicname arguments
%sql SELECT * FROM tablename
```