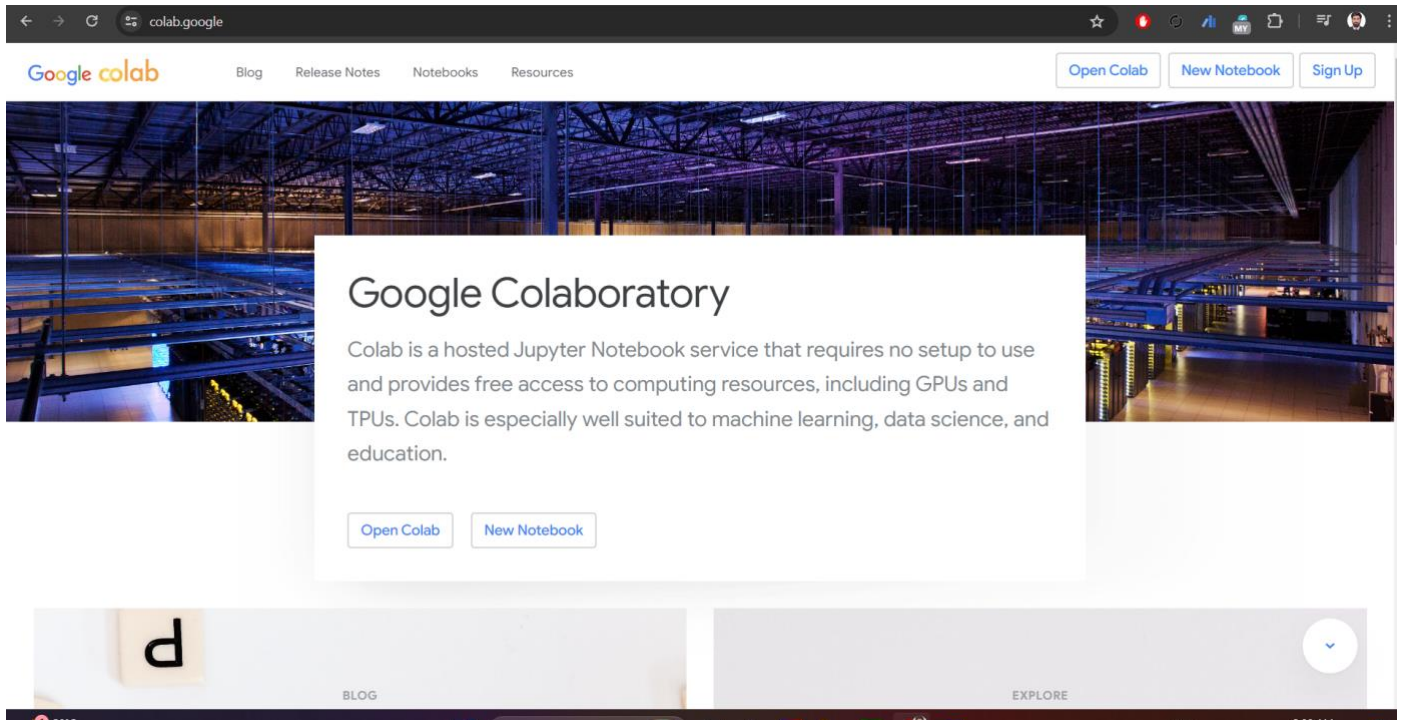


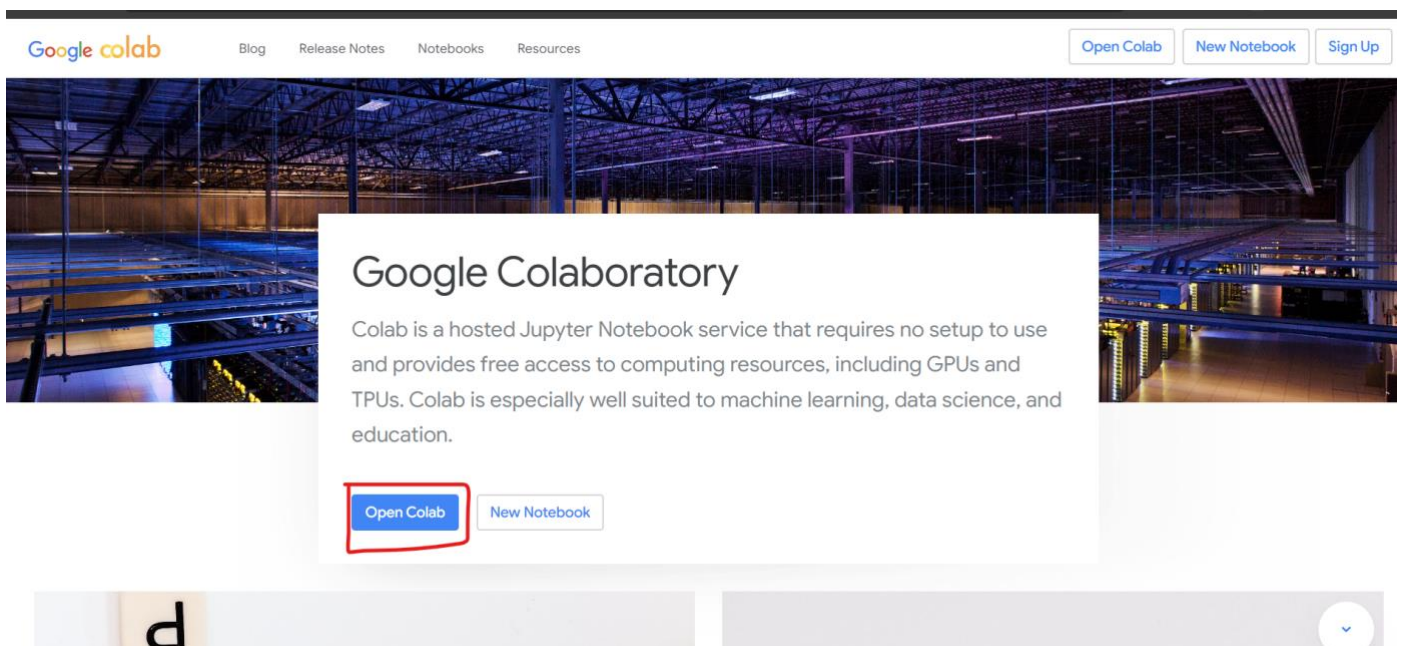
Steps to run the code:

Step 1:

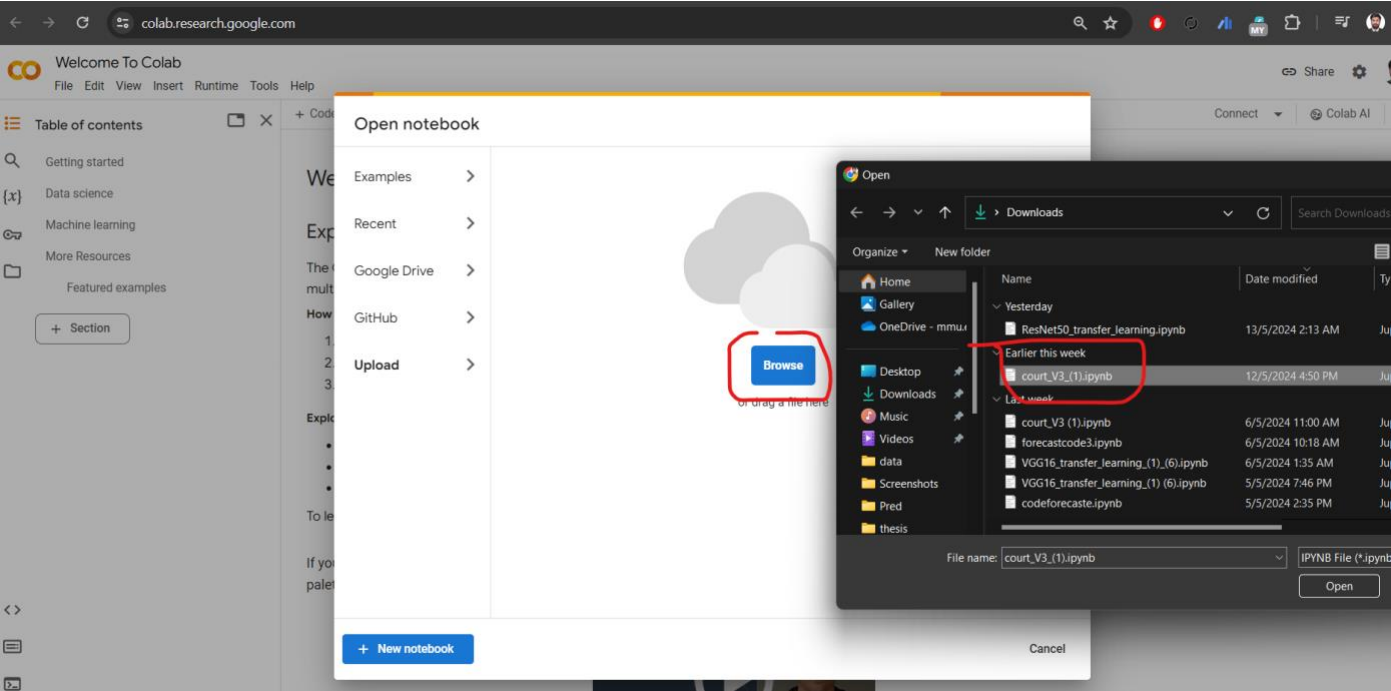
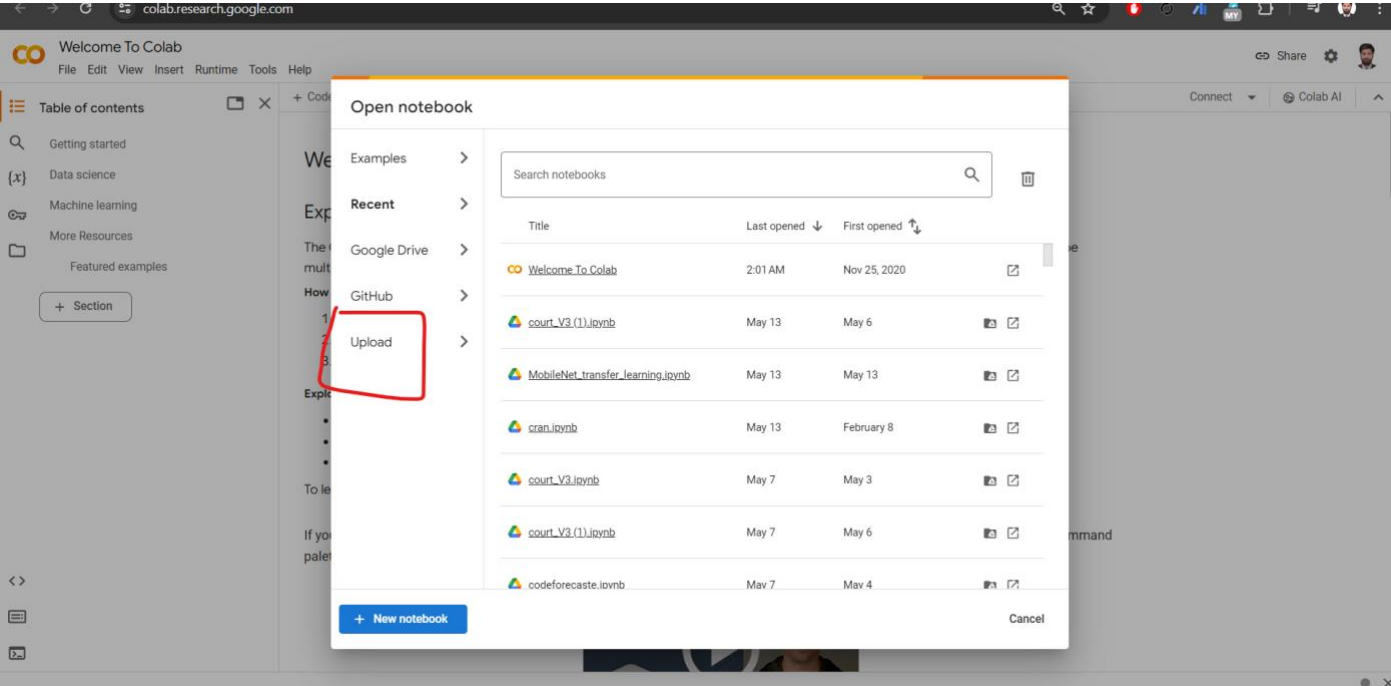
Go to this website: <https://colab.google/>



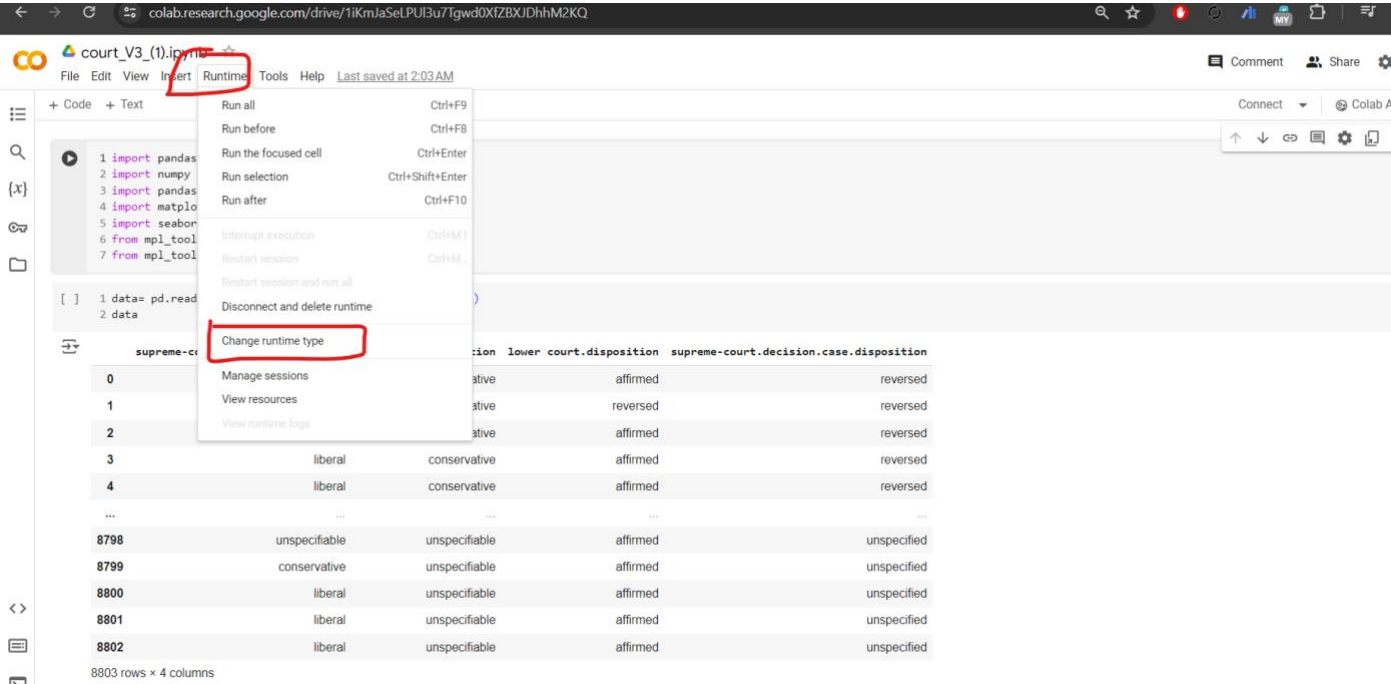
Now, click on the Open Colab option from this website.



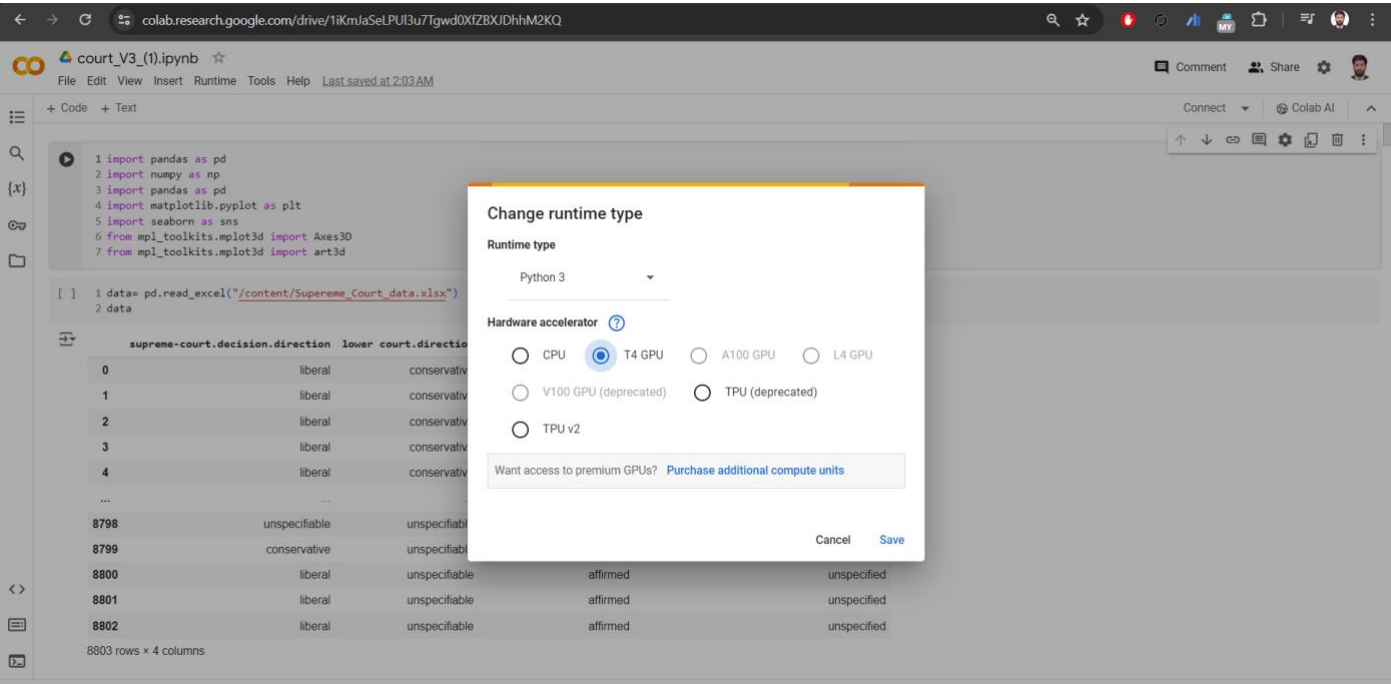
Step 2: click on the Upload option , browse the shared code file, and upload that file.



Step 3: Click on “Runtime” and then “Change runtime type.”



Now select T4 GPU and then click on “Save.”



Step 4: Click on “Connect”

The screenshot shows the Google Colab interface for a notebook named 'court_V3_(1).ipynb'. The top right corner contains buttons for 'Comment', 'Share', and 'Connect'. The 'Connect' button is highlighted with a red rectangle. Below the code editor, a table of data is displayed.

	supreme-court.decision.direction	lower court.direction	lower court.disposition	supreme-court.decision.case.disposition
0	liberal	conservative	affirmed	reversed
1	liberal	conservative	reversed	reversed
2	liberal	conservative	affirmed	reversed
3	liberal	conservative	affirmed	reversed
4	liberal	conservative	affirmed	reversed
...
8798	unspecifiable	unspecifiable	affirmed	unspecified
8799	conservative	unspecifiable	affirmed	unspecified
8800	liberal	unspecifiable	affirmed	unspecified
8801	liberal	unspecifiable	affirmed	unspecified
...

Step 5: Click on the Files icon

The screenshot shows the Google Colab interface for the same notebook. The left sidebar contains icons for 'Code', 'Text', and 'Files'. The 'Files' icon is highlighted with a red rectangle. The top right corner shows the 'Connect' button and a 'T4' badge. The data table is still visible below the code editor.

	supreme-court.decision.direction	lower court.direction	lower court.disposition	supreme-court.decision.case.disposition
0	liberal	conservative	affirmed	reversed
1	liberal	conservative	reversed	reversed
2	liberal	conservative	affirmed	reversed
3	liberal	conservative	affirmed	reversed
4	liberal	conservative	affirmed	reversed
...

Step 6: Upload dataset file

Once you click the files icon from step 5, in the left window, click the right mouse button, and a menu will pop out. Click on upload, and here we need to browse and upload the dataset file.

court_V3_(1).ipynb

File Edit View Insert Runtime Tools Help All changes saved

Files

sample_data

Upload

Refresh

New file

New folder

1 import pandas as pd

2 import numpy as np

3 import pandas as pd

4 import matplotlib.pyplot as plt

5 import seaborn as sns

6 from mpl_toolkits.mplot3d import Axes3D

7 from mpl_toolkits.mplot3d import art3d

1 data= pd.read_excel("/content/Supereme_Court_data.xlsx")

2 data

	supreme-court.decision.direction	lower court.direction	lower court.disposition	supreme-court.decision.case.disposition
0	liberal	conservative	affirmed	reversed
1	liberal	conservative	reversed	reversed
2	liberal	conservative	affirmed	reversed
3	liberal	conservative	affirmed	reversed
4	liberal	conservative	affirmed	reversed
...
8798	unspecifiable	unspecifiable	affirmed	unspecified
8799	conservative	unspecifiable	affirmed	unspecified
8800	liberal	unspecifiable	affirmed	unspecified

Click ok to this warning

court_V3_(1).ipynb

File Edit View Insert Runtime Tools Help All changes saved

Files

sample_data

Supereme_Court_data.xlsx

1 import pandas as pd

2 import numpy as np

3 import pandas as pd

4 import matplotlib.pyplot as plt

5 import seaborn as sns

6 from mpl_toolkits.mplot3d import Axes3D

7 from mpl_toolkits.mplot3d import art3d

1 data= pd.read_excel("/content/Supereme Court data.xlsx")

2 data

	supreme-court.d			
0				
1				
2				
3	liberal	conservative	affirmed	
4	liberal	conservative	affirmed	
...
8798	unspecifiable	unspecifiable	affirmed	
8799	conservative	unspecifiable	affirmed	
8800	liberal	unspecifiable	affirmed	
8801	liberal	unspecifiable	affirmed	
8802	liberal	unspecifiable	affirmed	

Warning

Ensure that your files are saved elsewhere. This runtime's files will be deleted when this runtime is terminated. [More info](#)

OK

Supereme_Court_data.xlsx

8803 rows × 4 columns

Step 7:

Now run each cell step by step for the whole code to get the results,

court_V3_(1).ipynb

File Edit View Insert Runtime Tools Help All changes saved

Files

sample_data

Supreme_Court_data.xlsx

1 import pandas as pd

2 import numpy as np

3 import pandas as pd

4 import matplotlib.pyplot as plt

5 import seaborn as sns

6 from mpl_toolkits.mplot3d import Axes3D

7 from mpl_toolkits.mplot3d import Axes3D

1 data= pd.read_excel("/content/Supreme_Court_data.xlsx")

2 data

supreme-court.decision.direction lower court.direction lower court.disposition supreme-court.decision.case.disposition

0 liberal conservative affirmed reversed

1 liberal conservative reversed reversed

2 liberal conservative affirmed reversed

3 liberal conservative affirmed reversed

4 liberal conservative affirmed reversed

...

8798 unspecifiable unspecifiable affirmed unspecified

8799 conservative unspecifiable affirmed unspecified

8800 liberal unspecifiable affirmed unspecified

8801 liberal unspecifiable affirmed unspecified

8802 liberal unspecifiable affirmed unspecified

8803 rows x 4 columns