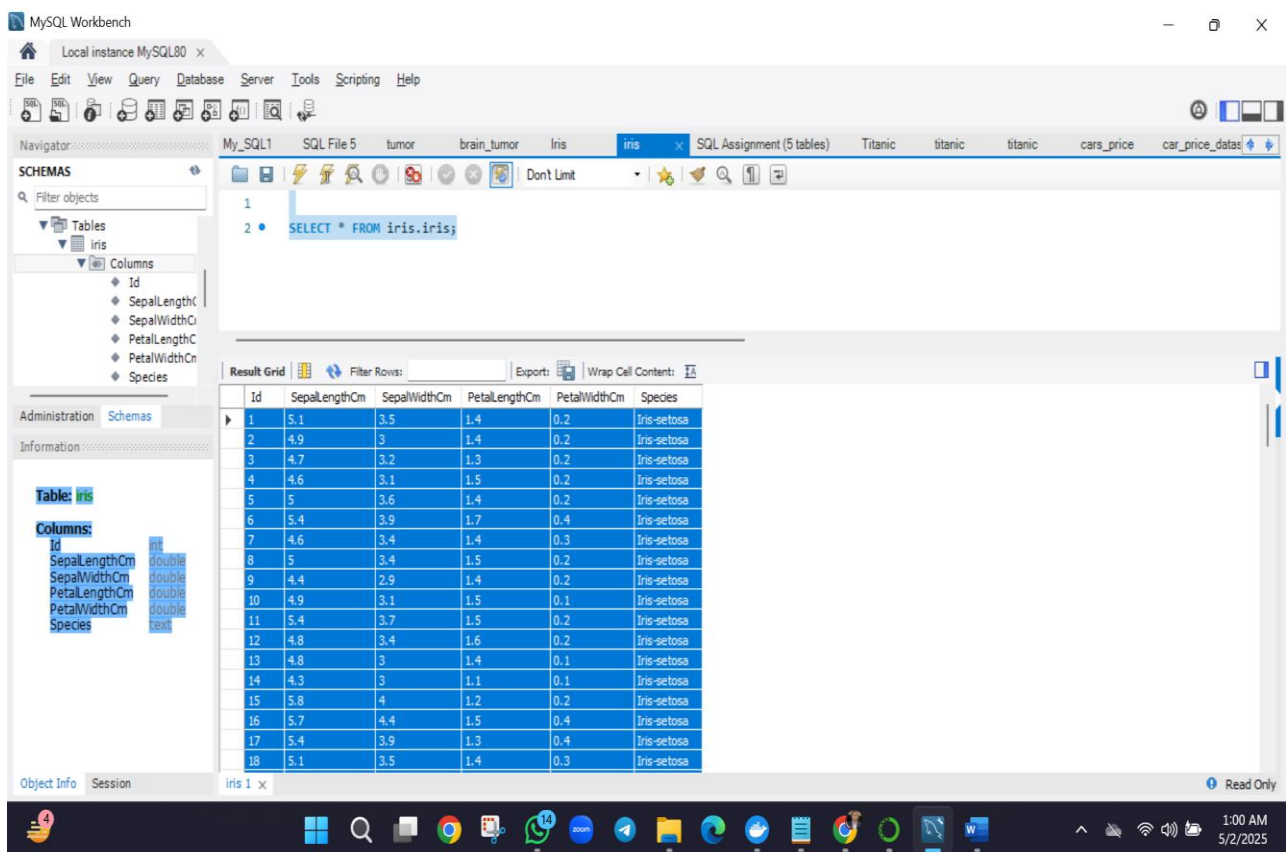


End-to-End Machine Learning Pipeline Assignment using MySQL and Streamlit:

Iris Dataset

[https://drive.google.com/file/d/1LomqorY7NjLNJuTVSobO_aPtVVi7ZNLI/view?usp=sharing]

MySQL Iris Data:

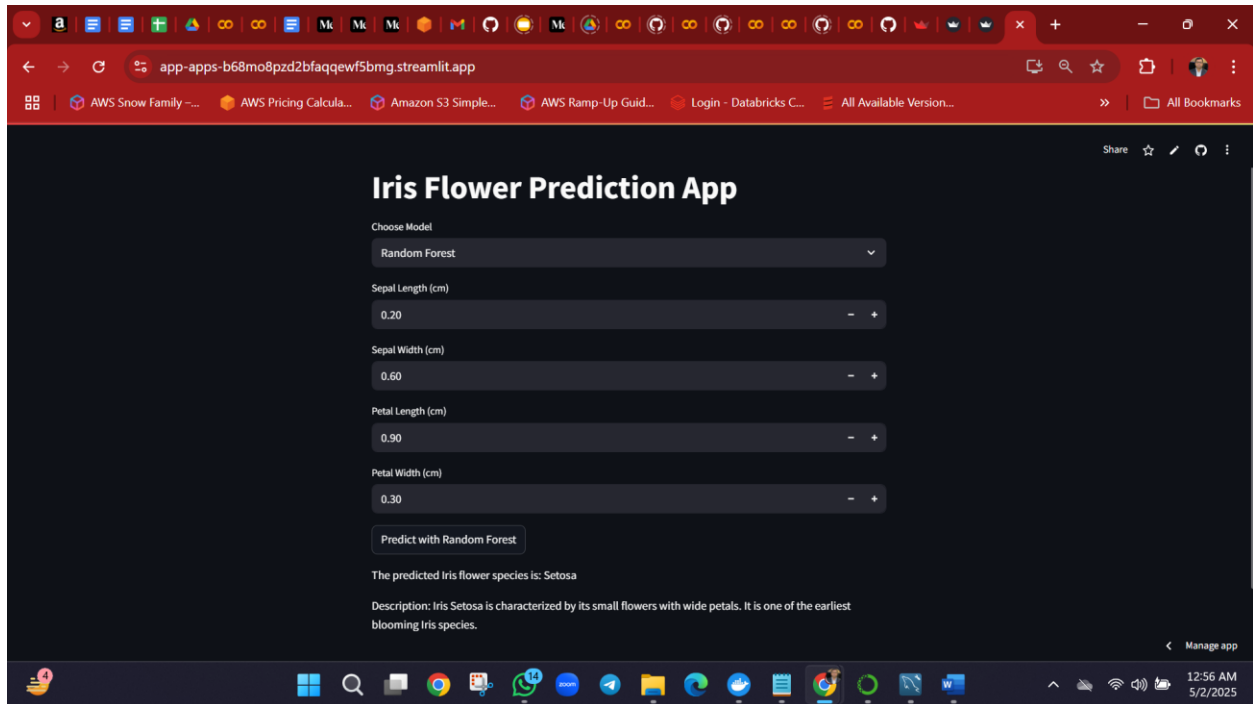


The screenshot displays the MySQL Workbench interface. The 'Schemas' pane on the left shows the 'iris' database selected, with its columns listed: Id, SepalLengthCm, SepalWidthCm, PetalLengthCm, PetalWidthCm, and Species. The 'SQL' editor in the center contains the query `SELECT * FROM iris.iris;`. The 'Result Grid' at the bottom shows the first 18 rows of the dataset. The table has 6 columns: Id, SepalLengthCm, SepalWidthCm, PetalLengthCm, PetalWidthCm, and Species. The data shows various measurements for the Iris-setosa species.

Id	SepalLengthCm	SepalWidthCm	PetalLengthCm	PetalWidthCm	Species
1	5.1	3.5	1.4	0.2	Iris-setosa
2	4.9	3	1.4	0.2	Iris-setosa
3	4.7	3.2	1.3	0.2	Iris-setosa
4	4.6	3.1	1.5	0.2	Iris-setosa
5	5	3.6	1.4	0.2	Iris-setosa
6	5.4	3.9	1.7	0.4	Iris-setosa
7	4.6	3.4	1.4	0.3	Iris-setosa
8	5	3.4	1.5	0.2	Iris-setosa
9	4.4	2.9	1.4	0.2	Iris-setosa
10	4.9	3.1	1.5	0.1	Iris-setosa
11	5.4	3.7	1.5	0.2	Iris-setosa
12	4.8	3.4	1.6	0.2	Iris-setosa
13	4.8	3	1.4	0.1	Iris-setosa
14	4.3	3	1.1	0.1	Iris-setosa
15	5.8	4	1.2	0.2	Iris-setosa
16	5.7	4.4	1.5	0.4	Iris-setosa
17	5.4	3.9	1.3	0.4	Iris-setosa
18	5.1	3.5	1.4	0.3	Iris-setosa

Streamlit APP(irisapp.py):

Random Forest:



XGBoost:

