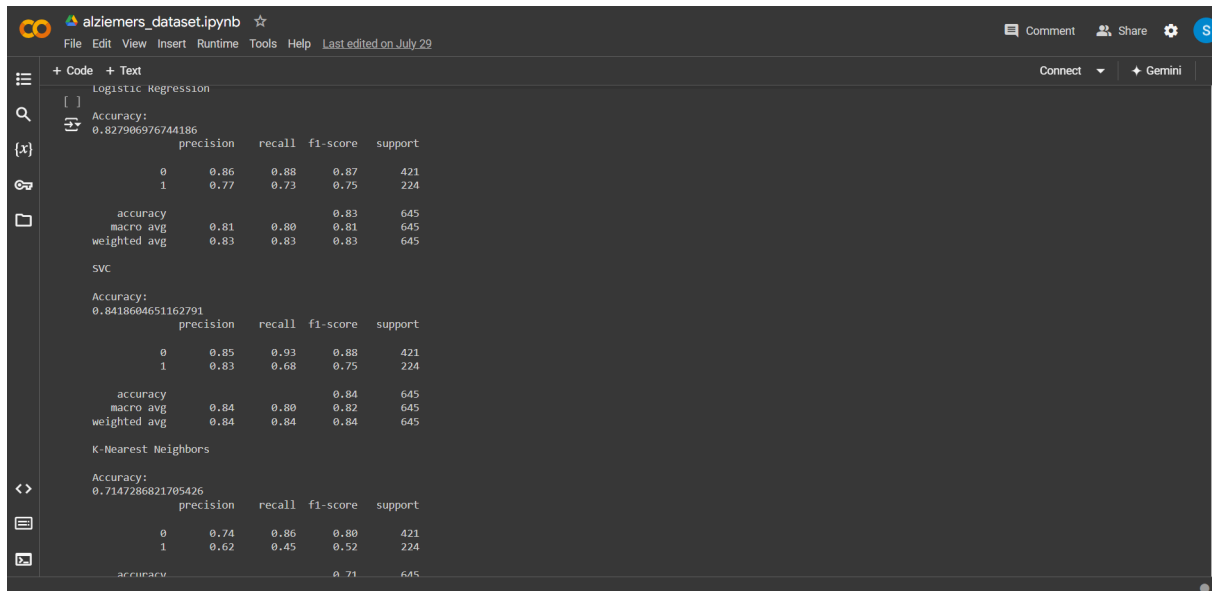


Results Snapshots:

- Accuracy of data with different models of regression and classification:-



The screenshot shows a Jupyter Notebook titled 'alzheimers_dataset.ipynb'. It displays the results of three classification models: Logistic Regression, SVC, and K-Nearest Neighbors. Each model's output includes its accuracy and a confusion matrix.

Logistic Regression

Accuracy: 0.827906976744186

	precision	recall	f1-score	support
0	0.86	0.88	0.87	421
1	0.77	0.73	0.75	224
accuracy			0.83	645
macro avg	0.81	0.80	0.81	645
weighted avg	0.83	0.83	0.83	645

SVC

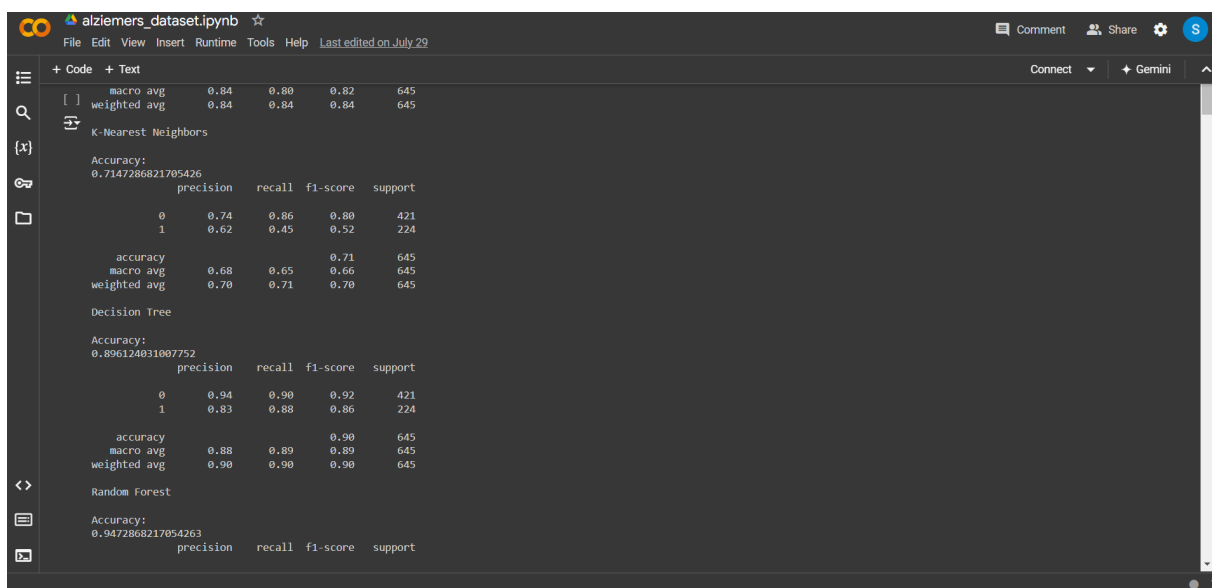
Accuracy: 0.8418604651162791

	precision	recall	f1-score	support
0	0.85	0.93	0.88	421
1	0.83	0.68	0.75	224
accuracy			0.84	645
macro avg	0.84	0.80	0.82	645
weighted avg	0.84	0.84	0.84	645

K-Nearest Neighbors

Accuracy: 0.7147286821705426

	precision	recall	f1-score	support
0	0.74	0.86	0.80	421
1	0.62	0.45	0.52	224
accuracy			0.71	645



The screenshot shows a Jupyter Notebook titled 'alzheimers_dataset.ipynb'. It displays the results of three classification models: K-Nearest Neighbors, Decision Tree, and Random Forest. Each model's output includes its accuracy and a confusion matrix.

K-Nearest Neighbors

Accuracy: 0.7147286821705426

	precision	recall	f1-score	support
0	0.74	0.86	0.80	421
1	0.62	0.45	0.52	224
accuracy			0.71	645
macro avg	0.68	0.65	0.66	645
weighted avg	0.70	0.71	0.70	645

Decision Tree

Accuracy: 0.896124031007752

	precision	recall	f1-score	support
0	0.94	0.90	0.92	421
1	0.83	0.88	0.86	224
accuracy			0.90	645
macro avg	0.88	0.89	0.89	645
weighted avg	0.90	0.90	0.90	645

Random Forest

Accuracy: 0.9472868217054263

	precision	recall	f1-score	support
0	0.94	0.90	0.92	421
1	0.83	0.88	0.86	224
accuracy			0.90	645
macro avg	0.88	0.89	0.89	645
weighted avg	0.90	0.90	0.90	645

Highest accuracy with GradientBoostingClassifier and RandomForest Classifier:-

alziemers_dataset.ipynb

File Edit View Insert Runtime Tools Help Last edited on July 29

+ Code + Text

Connect Gemini

Accuracy: 0.9325581395348838

Classification Report:

	precision	recall	f1-score	support
0	0.92	0.98	0.95	277
1	0.96	0.84	0.90	153
accuracy			0.93	430
macro avg	0.94	0.91	0.92	430
weighted avg	0.93	0.93	0.93	430

Accuracy: 0.9558139534883721

Classification Report:

	precision	recall	f1-score	support
0	0.96	0.97	0.97	277
1	0.95	0.92	0.94	153
accuracy			0.96	430
macro avg	0.96	0.95	0.95	430
weighted avg	0.96	0.96	0.96	430

[] Start coding or generate with AI.