



Data Collection and Preprocessing Phase

Date	6 July 2024
Team ID	SWTID1720116242
Project Title	Predicting Compressive Strength Of Concrete Using Machine Learning
Maximum Marks	6 Marks

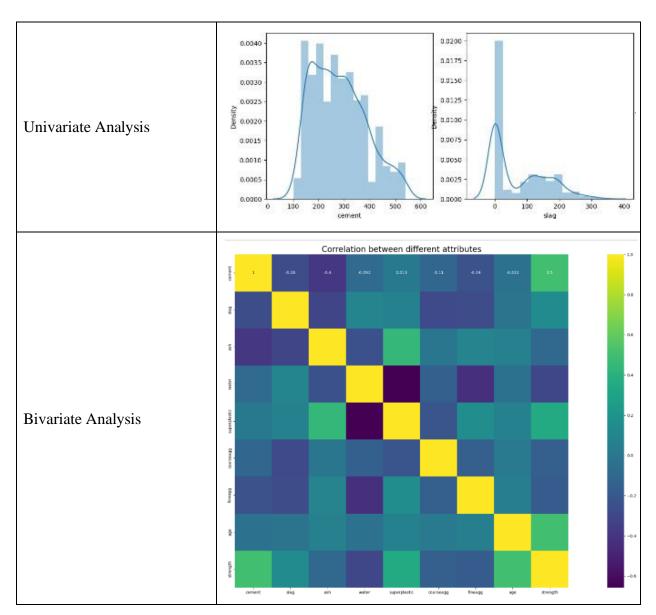
Data Exploration and Preprocessing Template

Identifies data sources, evaluates quality issues such as missing values and duplicates, and applies resolution strategies to ensure accurate and reliable analysis.

	Description
Section Data Overview	Description data.dtypes

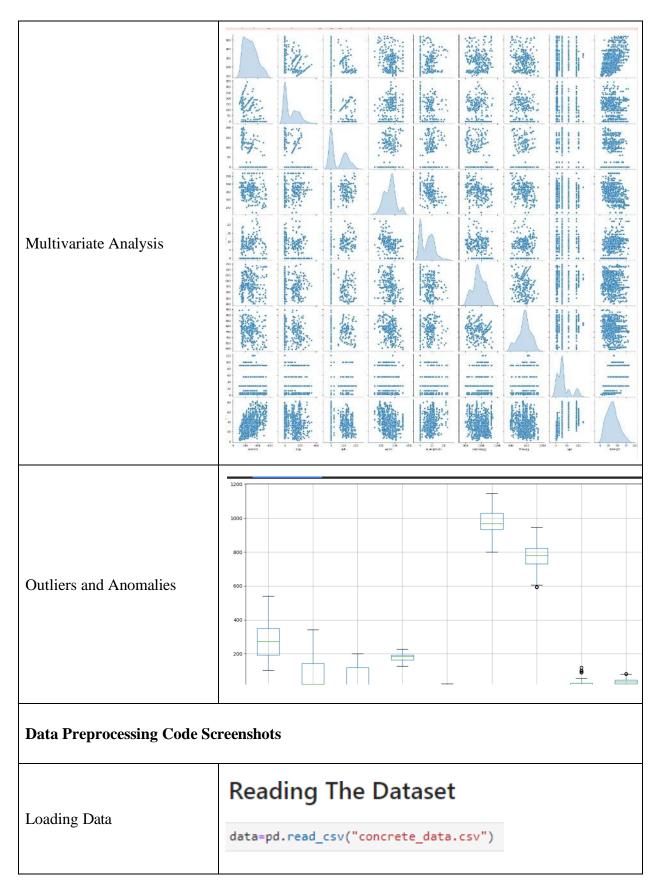
















Handling Missing Data	No missing attributes
Data Transformation	Scaling ¶
	<pre>from sklearn.preprocessing import StandardScaler scaler = StandardScaler() # Fit on training set only. scaler.fit(X_train) # Apply transform to both the training set and the test set. X_train_transformed = scaler.transform(X_train) X_test_transoformed = scaler.transform(X_test)</pre>
Feature Engineering	Attached the codes in final submission.
Save Processed Data	Done