



Data Collection and Preprocessing Phase

Date	15 March 2024
Team ID	SWTID1720113374
Project Title	Predicting Compressive Strength Of Concrete Using Machine Learning
Maximum Marks	6 Marks

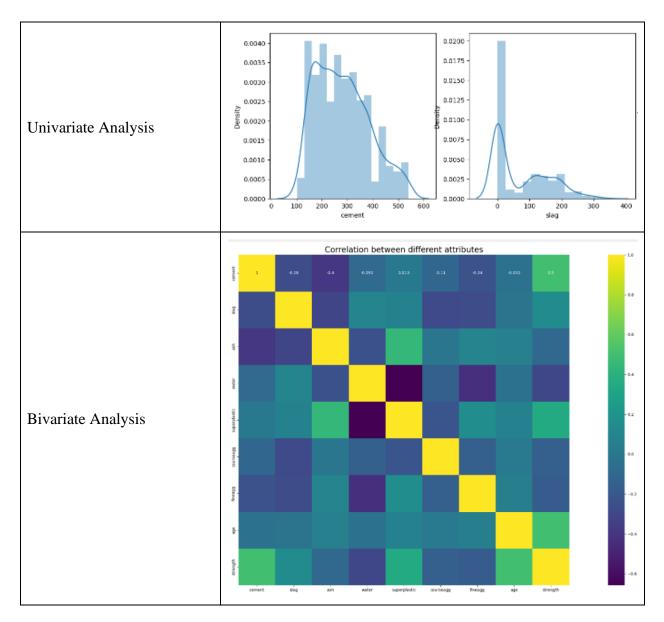
Data Exploration and Preprocessing Template

Identifies data sources, assesses quality issues like missing values and duplicates, and implements resolution plans to ensure accurate and reliable analysis.

Section	Description
Data Overview	Cement

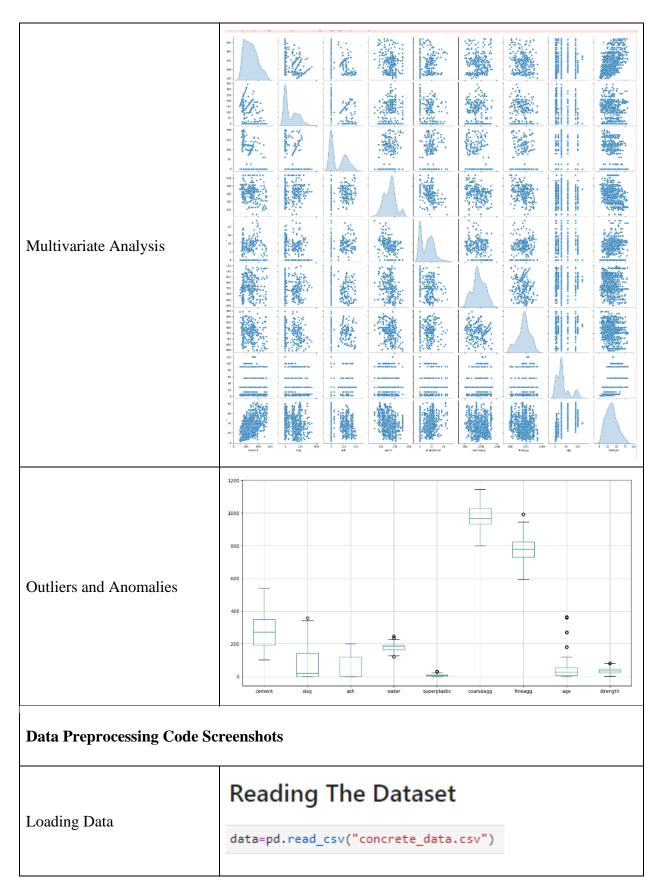
















Handling Missing Data	No missing attributes
Data Transformation	Scaling ¶
	<pre>from sklearn.preprocessing import StandardScaler scaler = StandardScaler() # Fit on training set only. scaler.fit(X_train) # Apply transform to both the training set and the test set. X_train_transformed = scaler.transform(X_train)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