

ST1(4483) Assignment Capstone Project Marking Rubric

Capstone Project submission due date: Week 12 Sunday 23.59pm

This assignment is worth 30 marks (02+10)

Student Name/ID: u3248400 Student Name/ID: u3246410		Unit: 4483/8995	Group/Solo Group Assignment	
Project/Dataset Title: Starbucks Prediction				
Project Deliverable ID	Project Task	Maximum Marks	Marks Obtained	Comments
1.	Reading the dataset	0.5		
2.	Problem statement definition	0.5		
3.	Target variable identification	0.5		
4.	Visualising the distribution of Target variable	1		
5.	Data exploration at basic level	1		
6.	Identifying and Rejecting unwanted columns	0.5		
7.	Visual Exploratory Data Analysis of data (with Histogram and Barcharts	1		
8.	Feature Selection based on data distribution	1		
9.	Removal of outliers and missing values	1		
10.	Visual and Statistic Correlation analysis for selection of best features	1		
11.	Data Conversion to numeric values for machine learning/predictive analysis	1		

12.	Training/Testing Sampling and K-fold cross validation	1		
13.	Investigating multiple Regression algorithms	2		
14.	Selection of the best Model	1		
15.	Deployment of the best model in production	2		
16.	GUI/WEB Deployment using either tkinter/Flask/Streamlit	5		
17.	Presentation Slides and Video Recording	5		
18.	Code Review Interview	5		
Total Marks		30		
Further Comments				