Ahmedabad University

CSE523 Machine Learning

Weekly Report - 6

Section - 1

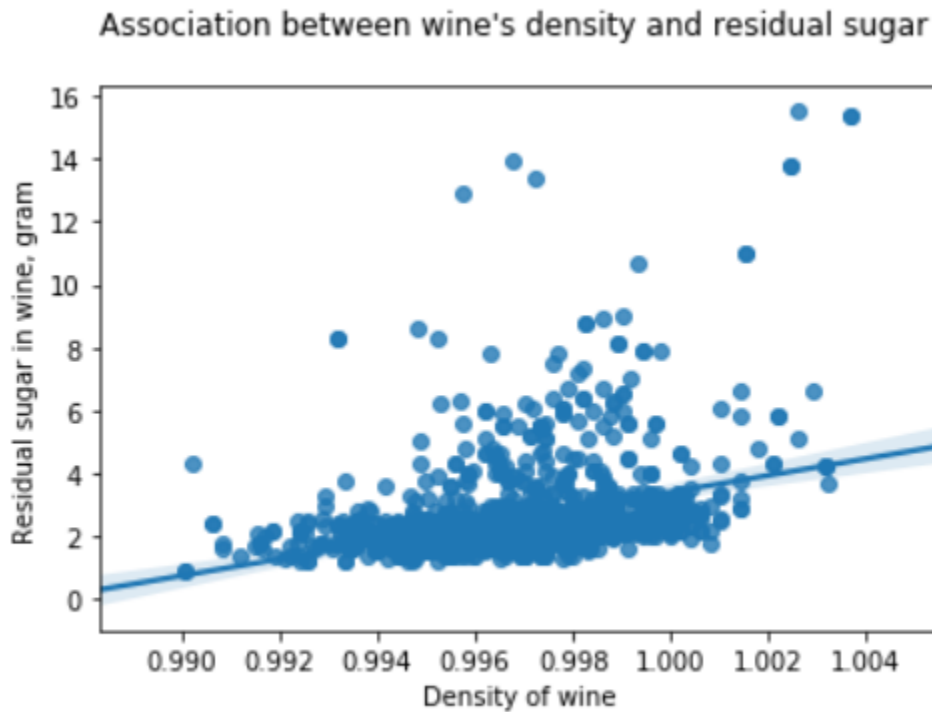### Submitted to faculty: Prof. Mehul Raval

Date of Submission: -03-2023

Roll No.	Name of the Student	Name of the Program
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2022-2023 (Winter Semester)

Tasks Performed: Calculated Pearson Correlation

Outcomes:

Association between wine's density and residual sugar

(0.3552833709833765, 9.013041728296711e-49)

Like these, correlation and regression plot for several quantities were calculated and seen to see how these variables are correlated with each other.

To be performed next week:
Hypothesis testing and ANOVA
(calculation of p-value and F-statistics)