



National Vocational & Technical Training Commission
Institute of Electrical, Electronics and Computer Engineering
University of the Punjab



Artificial Intelligence C1 & C2
Assignment 01 : 13/06/2023
Module 1 : week 4

Submission Requirements: Please upload your codes in PDF File on Google Classroom in the relevant Assignment section.

Note: Plagiarism is a serious violation. Zero marks will be awarded in case plagiarism is found.

Note: For all tasks you need to load data from given excel file.

Task 1: Read 'Orders' Sheet from "Sample_Superstore.xls" and perform data cleaning.
(Remove Duplicate Columns, Duplicate Rows, Blank Columns, and Blank Rows.)

Task 2: On which Order Date, the Super Store company generated highest profit.

Task 3: Calculate average sales w.r.t. States.

Task 4: On which Order Date, the Super Store Company generated lowest profit and display the customer name and ID.

Task 5: Display the most used Ship Mode.

Task 6: Display name of the Arizona's customer who gave the highest profit to the company.

Task 7: Display the name of the state that generated the most profits.

Task 8: Display the name of Category that generated the most sales.