



Data Collection and Preprocessing Phase

Date	10-july-2024
Team ID	739969
Project Title	
	Walmart Sales Analysis For Retail Industry
Maximum Marks	6 Marks

Data Exploration and Preprocessing Report

Dataset variables will be statistically analyzed to identify patterns and outliers, with Python employed for preprocessing tasks like normalization and feature engineering. Data cleaning will address missing values and outliers, ensuring quality for subsequent analysis and modeling, and forming a strong foundation for insights and predictions.

Section	Description	
	Dimension: 421570rows x 17 Columns Descriptive statistics: Store Bept Date Meetly Sales Isballday Teagerature Facil Price Maridowal Mar	
Data Overview	Store Dept Date Weekly_Sales IsHoliday Temperature Fuel_Prize Manddown! Manddown2 Manddown4 Manddown5 Manddown5 CPI Unemployment _merge Type Size 0 1 1 201942450 2462450 False 42.31 2.572 NaN NaN NaN NaN NaN NaN 211.008358 8.100 both A 151315	
	1 1 1 2010-12-12 40039.49 True 38.51 2.548 NaN NaN NaN NaN NaN 211.242170 8.108 both A 151315	
	2 1 1 2010-02-19 41595-55 False 39.93 2-514 NaN NaN NaN NaN NaN NaN 211.289143 8.108 both A 151315	
	3 1 2010-02-26 19403.54 Faise 48.63 2.561 NaN NaN NaN NaN NaN 211.319643 8.106 both A 151315	
	4 1 1 2010-03-05 21827.90 False 46.50 2.825 NaN NaN NaN NaN NaN 211.350143 8.106 both A 151315	
	421565 45 98 2012-09-28 508.37 False 64.88 3.997 4556.81 20.64 1.50 1601.01 3288.25 192.013558 8.884 both B 118221	
	421596 45 98 2012-10-05 628.10 False 64.89 3.965 5046.74 NaN 18.02 2253.43 2340.01 192.170412 8.867 both 8 118221	
	421567 45 98 2012-10-12 1081:02 False 54.47 4.000 1865.28 NaN 7.09 599.32 3990.54 192.327265 8.667 both B 118221 421568 45 98 2012-10-19 760.01 False 56.47 3.999 2004.02 NaN 3.18 437.73 15.37.49 192.339854 8.667 both B 118221	
	421699 45 90 2012-10-19 100.01 False 50.41 5399 200-02 Half 5.10 407.13 1531-9 1823-0059 8.001 0001 B 118221	
	421570 (ows 11 footburns	























