Title: Sales Data Analysis

Objectives:

(1) Predict if person is diabetes patient or not

(2) Find most indicative features of diabetes

Some of the valuable insights of Sales Data Frame:  
**(1) Cards:**  
· The total Sales Revenue is 34.29 million.  
· The Total Number of Orders is 209079.  
· The Total unique Products is 19.  
· The No of Cities is 9.  
· The Total hours of sales is 2.69 million.  
  
**(2) Line chart:**  
· Sales by Months: 12(December) Month had Highest number of sales which is 4.6Million·

10(October) Month had 2nd highest number of sales which id 3.7.

**(3) Pie Chart:**

Sales by city**:** Portland city had highest number of sales with 8.3million

Loss angles city had 2nd highest no of sales with 5.5million

**(4) Bar Chart:**

Sales by Hour: The peak hours of order sales between 20,11,12,19(8p.m, 11a.m, 12p.m,7p.m)

**(5) Bar Chart:**

Sales by Product: MacBook Pro Laptop had highest no of sales which is 8.0million.

iPhone had 2nd highest no of sales

AAA Batteries(4-pack) had least no of sales

**(5) Horizontal Bar Chart:**

Top 5 expensive Products: MacBook Pro Laptop had top one expensive product in the sales dataset with 1700 us dollars

ThinkPad Laptop had 2nd expensive product in dataset with 999 us dollars

**(6) column Chart:**

**Bottom 5 products:** AAA Batteries(4-pack) had bottom one product which is cost of 2.99 us dollars followed by AA Batteries with cost of 3.84 us dollars