Group Type: Individual
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Problem Description:

ABC Bank wants to sell its term deposit product to customers and before launching the product they want to develop a model which helps them in understanding whether a particular customer will buy their product or not (based on customer's past interaction with bank or other Financial Institution).

Data Cleaning and Transformation done:

I performed two different methods for cleaning the data from possible outliers: Z-Score based removal and IQR based removal. The Z-score approach removed all values with an absolute value z-score of greater than 3. The IQR approach calculated upper and lower limits based on the 75th and 25th percentiles and removed all values not within those limits. The Z-Score approach removed 3874 outliers while the IQR approach removed 10828 outliers. Based on these numbers, I have decided to proceed with the z-score approach since it removes ~9% of rows, which is a more reasonable percentage of the data.