Data Analysis and Visualization for Loan System

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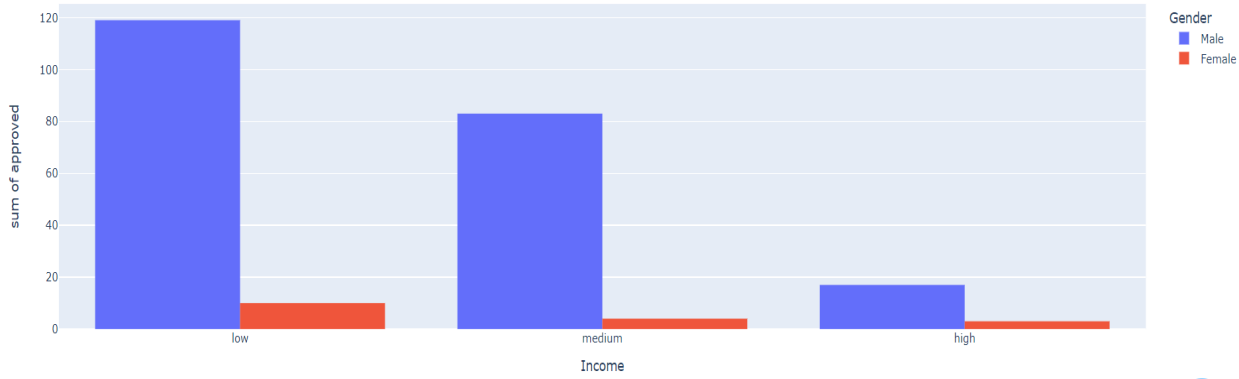
Functional Requirements 5.1

Create a bar chart that shows the difference in application approvals for Married Men vs Married Women based on income ranges. (number of approvals)



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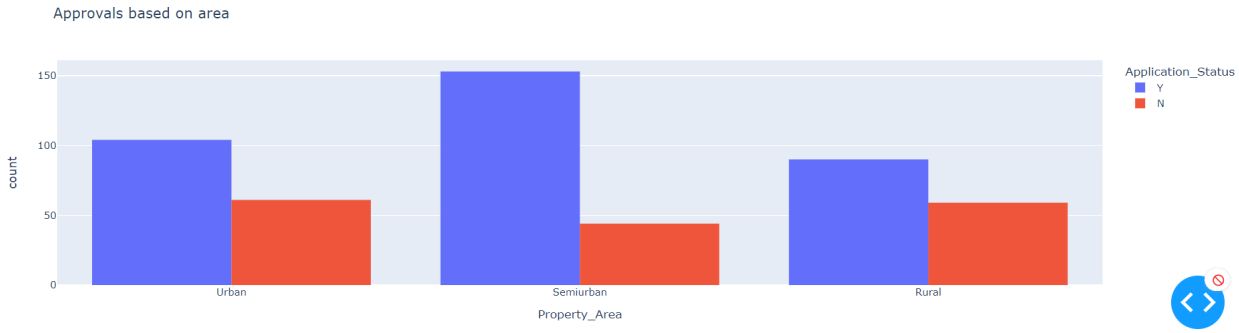
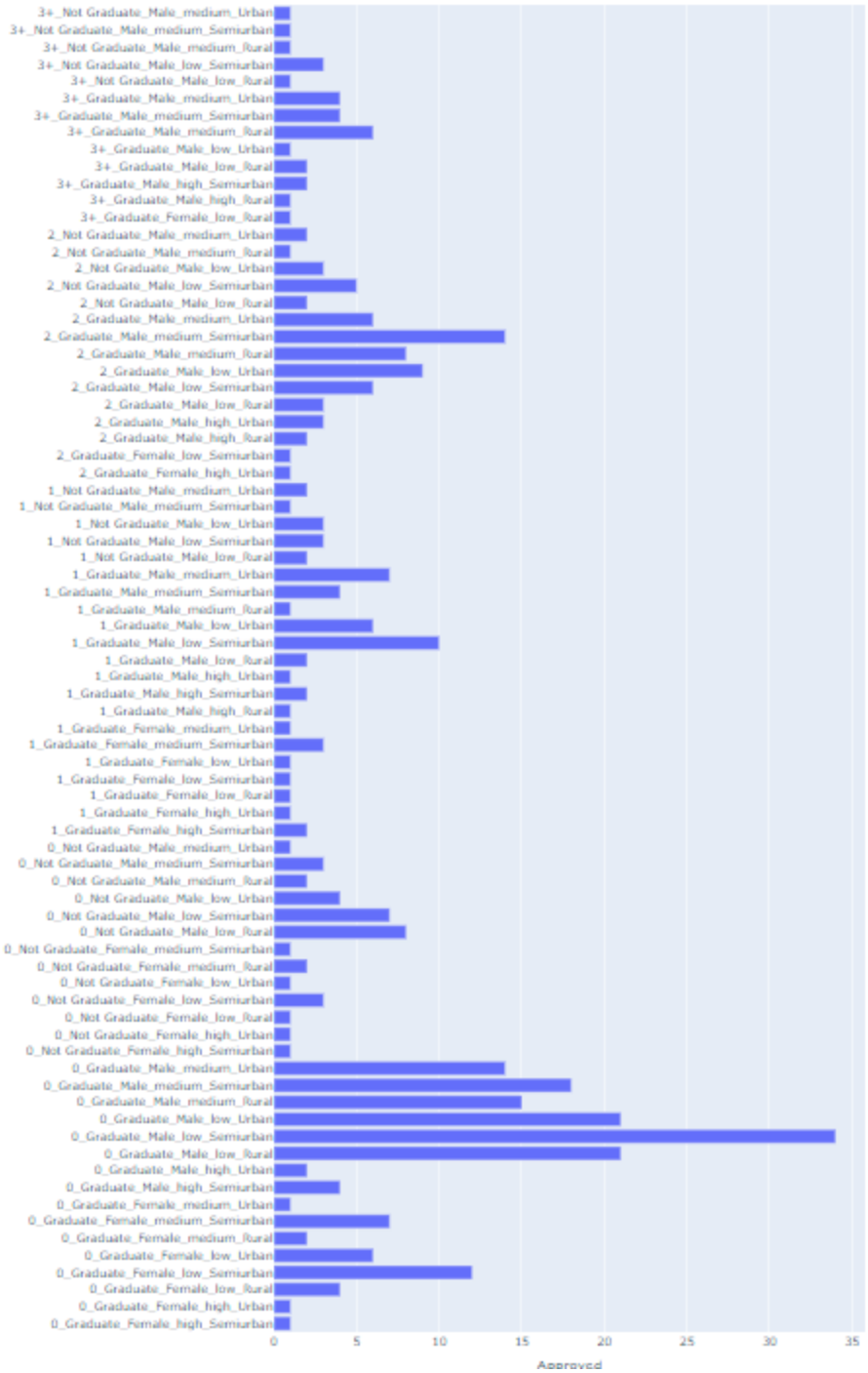
Functional Requirements 5.2

Create and plot a chart that shows the difference in application approvals based on Property Area.


Approvals based on area
150
100
50
0
count
Urban
Semiurban
Rural
Property_Area
Application_Status
Y
N


3+_Not Graduate_Male_medium_Urban
3+_Not Graduate_Male_medium_Semiurban
3+_Not Graduate_Male_medium_Rural
3+_Not Graduate_Male_low_Semiurban
3+_Not Graduate_Male_low_Rural
3+_Graduate_Male_medium_Urban
3+_Graduate_Male_medium_Semiurban
3+_Graduate_Male_medium_Rural
3+_Graduate_Male_low_Urban
3+_Graduate_Male_low_Rural
3+_Graduate_Male_high_Semiurban
3+_Graduate_Male_high_Rural
3+_Graduate_Female_low_Rural
2_Not Graduate_Male_medium_Urban
2_Not Graduate_Male_medium_Rural
2_Not Graduate_Male_low_Urban
2_Not Graduate_Male_low_Semiurban
2_Not Graduate_Male_low_Rural
2_Graduate_Male_medium_Urban
2_Graduate_Male_medium_Semiurban
2_Graduate_Male_medium_Rural
2_Graduate_Male_low_Urban
2_Graduate_Male_low_Semiurban
2_Graduate_Male_low_Rural
2_Graduate_Male_high_Urban
2_Graduate_Male_high_Rural
2_Graduate_Female_low_Semiurban
2_Graduate_Female_high_Urban
1_Not Graduate_Male_medium_Urban
1_Not Graduate_Male_medium_Semiurban
1_Not Graduate_Male_low_Urban
1_Not Graduate_Male_low_Semiurban
1_Not Graduate_Male_low_Rural
1_Graduate_Male_medium_Urban
1_Graduate_Male_medium_Semiurban
1_Graduate_Male_medium_Rural
1_Graduate_Male_low_Urban
1_Graduate_Male_low_Semiurban
1_Graduate_Male_low_Rural
1_Graduate_Male_high_Urban
1_Graduate_Male_high_Semiurban
1_Graduate_Male_high_Rural
1_Graduate_Female_medium_Urban
1_Graduate_Female_medium_Semiurban
1_Graduate_Female_low_Urban
1_Graduate_Female_low_Semiurban
1_Graduate_Female_low_Rural
1_Graduate_Female_high_Urban
1_Graduate_Female_high_Semiurban
0_Not Graduate_Male_medium_Urban
0_Not Graduate_Male_medium_Semiurban
0_Not Graduate_Male_medium_Rural
0_Not Graduate_Male_low_Urban
0_Not Graduate_Male_low_Semiurban
0_Not Graduate_Male_low_Rural
0_Not Graduate_Female_medium_Semiurban
0_Not Graduate_Female_medium_Rural
0_Not Graduate_Female_low_Urban
0_Not Graduate_Female_low_Semiurban
0_Not Graduate_Female_low_Rural
0_Not Graduate_Female_high_Urban
0_Not Graduate_Female_high_Semiurban
0_Graduate_Male_medium_Urban
0_Graduate_Male_medium_Semiurban
0_Graduate_Male_medium_Rural
0_Graduate_Male_low_Urban
0_Graduate_Male_low_Semiurban
0_Graduate_Male_low_Rural
0_Graduate_Male_high_Urban
0_Graduate_Male_high_Semiurban
0_Graduate_Female_medium_Urban
0_Graduate_Female_medium_Semiurban
0_Graduate_Female_medium_Rural
0_Graduate_Female_low_Urban
0_Graduate_Female_low_Semiurban
0_Graduate_Female_low_Rural
0_Graduate_Female_high_Urban
0_Graduate_Female_high_Semiurban
0
5
10
15
20
25
30
35
Approved