

# Risk Analysis Report

# Risk Analysis Report

## Descriptive Statistics

### Gender

gender count

F 4287

M 3177

### Agecat

agecat count

4 1749

3 1708

2 1443

5 1207

6 711

1 646

### Risk\_group

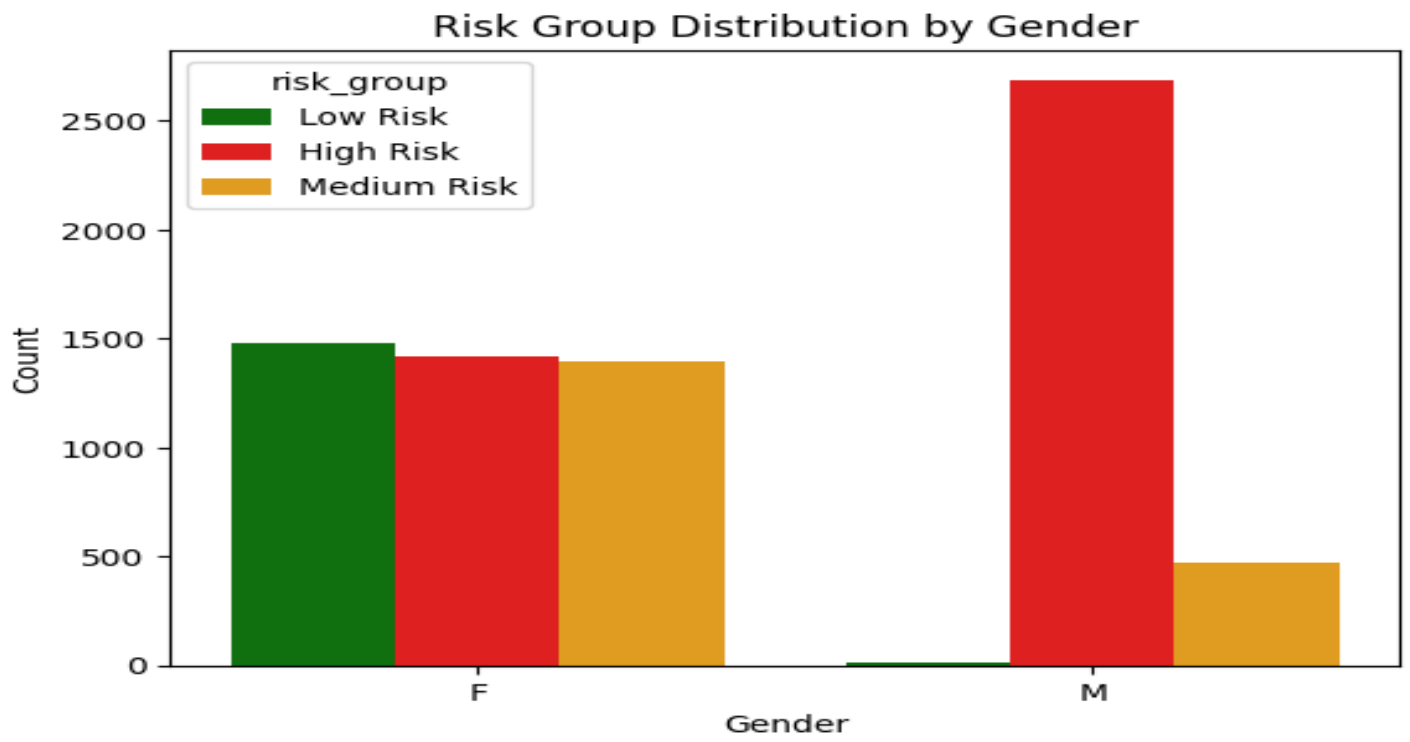
risk\_group count

High Risk 4105

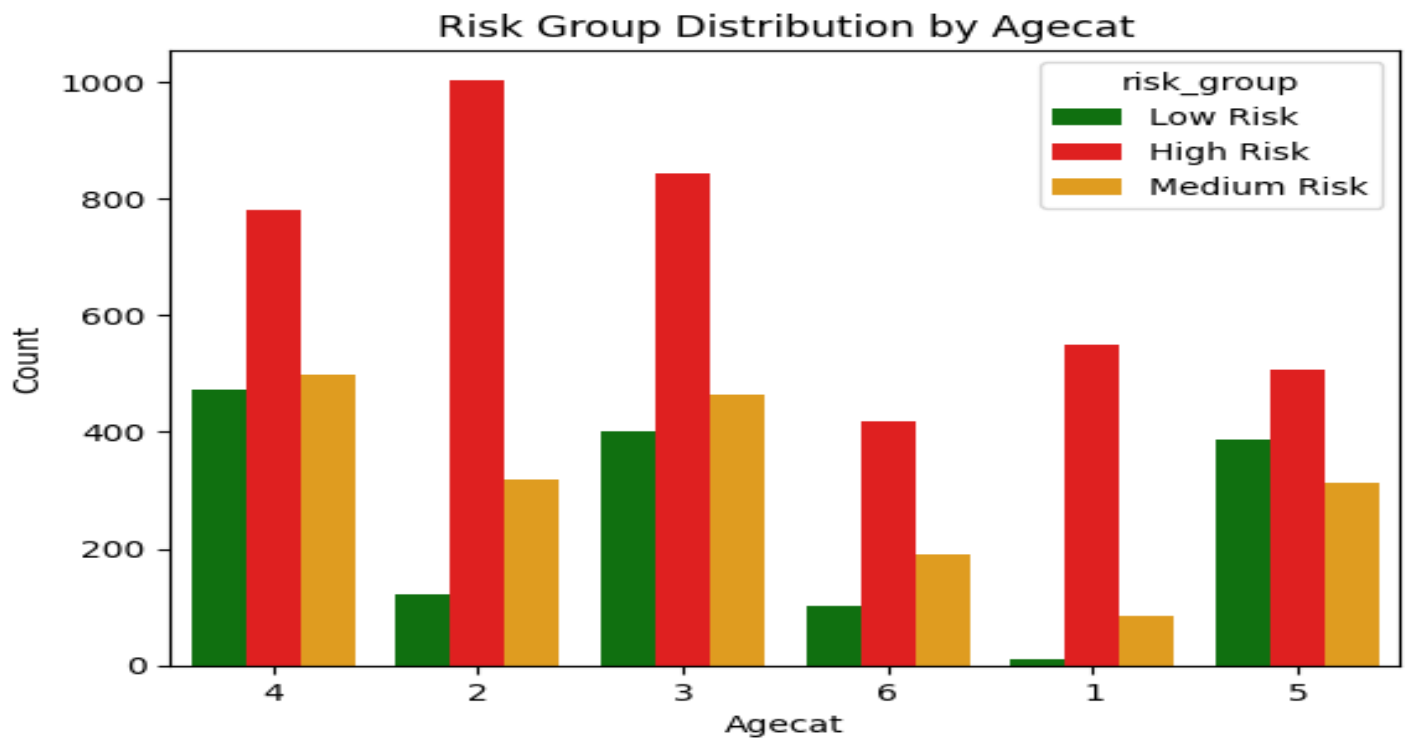
Medium Risk 1866

Low Risk 1493

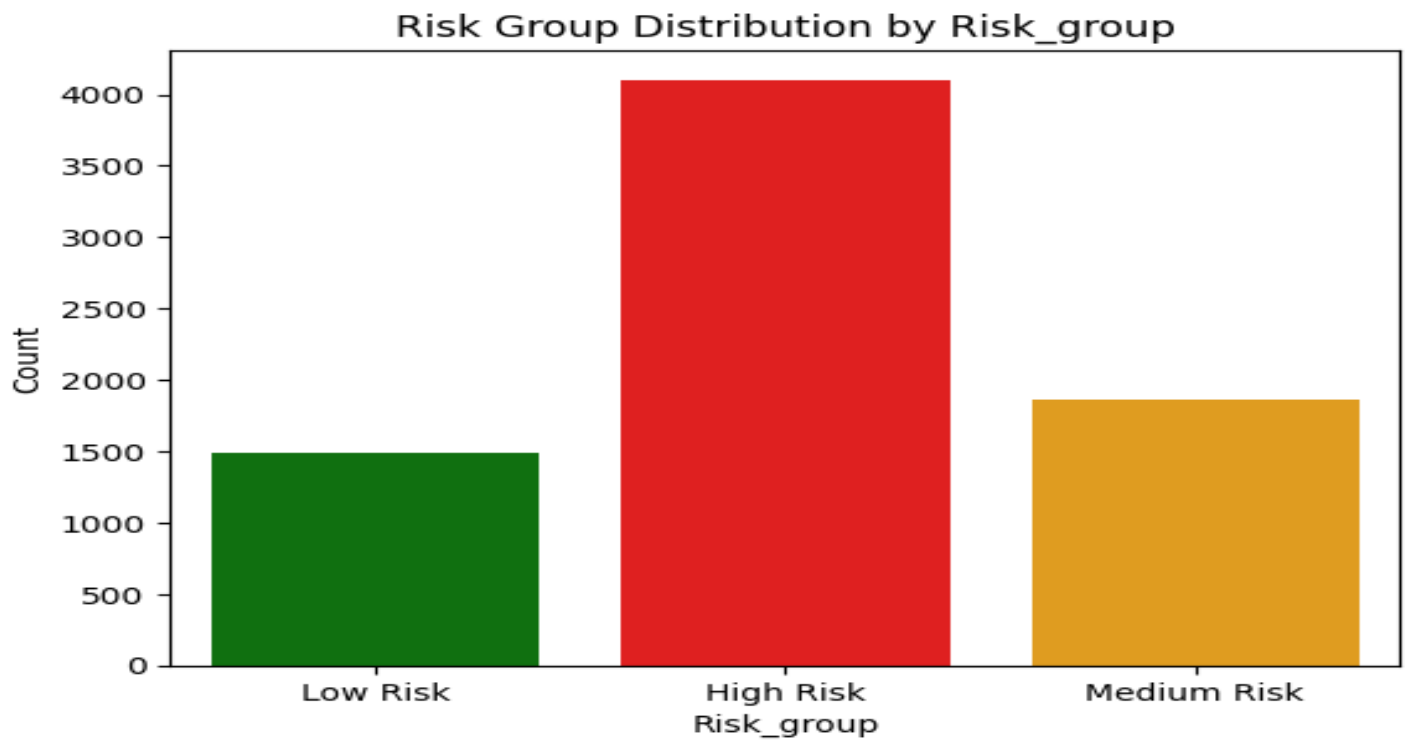
## Risk Analysis Report



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### Hypothesis Testing Results

Gender

Chi2 p value: 0.0

Standardized residuals: risk\_group High Risk Low Risk Medium Risk

gender

F -19.394620 21.154855 9.843424

M 22.529388 -24.574132 -11.434425

Agecat

Chi2 p value: 2.183839095962581e-134

Standardized residuals: risk\_group High Risk Low Risk Medium Risk

agecat

1 10.330409 -10.487669 -5.941016

2 7.468242 -9.867268 -2.250779

3 -3.111181 3.211173 1.742162

4 -5.865088 6.530789 2.857413

5 -6.047728 9.304080 0.647633

6 1.414400 -3.288654 0.843816

## Risk Analysis Report

### Analysis Log

Analyzing gender...

Chi-Square Statistic: 2162.78

Degrees of Freedom: 2

P-value: 0.000

Expected Frequencies:

risk_group	High Risk	Low Risk	Medium Risk
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gender			
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F	2357.735129	857.514871	1071.75
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M	1747.264871	635.485129	794.25
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Chi-Square test significant, calculating standardized residuals...

Standardized Residuals:

risk_group	High Risk	Low Risk	Medium Risk
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gender			
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F	-19.394620	21.154855	9.843424
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M	22.529388	-24.574132	-11.434425
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Analyzing agecat...

Chi-Square Statistic: 655.54

Degrees of Freedom: 10

P-value: 0.000

Expected Frequencies:

risk_group	High Risk	Low Risk	Medium Risk
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## Risk Analysis Report

agecat

1	355.282690	129.217310	161.50
2	793.611334	288.638666	360.75
3	939.354234	341.645766	427.00
4	961.903135	349.846865	437.25
5	663.817658	241.432342	301.75
6	391.030949	142.219051	177.75

Chi-Square test significant, calculating standardized residuals...

Standardized Residuals:

risk\_group High Risk Low Risk Medium Risk

agecat

1	10.330409	-10.487669	-5.941016
2	7.468242	-9.867268	-2.250779
3	-3.111181	3.211173	1.742162
4	-5.865088	6.530789	2.857413
5	-6.047728	9.304080	0.647633
6	1.414400	-3.288654	0.843816