Survey Data Analysis - Financial Investments
Group 11

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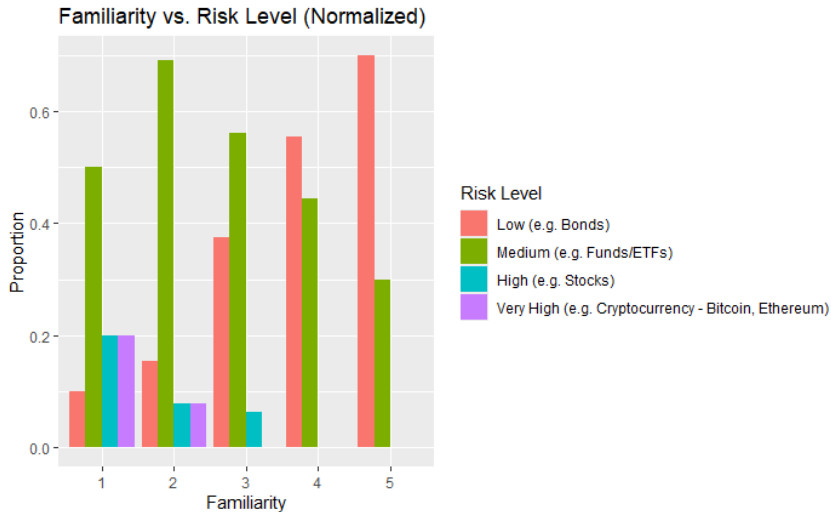
TU Wien, Vienna, Austria

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Survey Questions

1. What percentage of your income do you allocate to financial investments?
2. How would you rate your familiarity with different investment options on a scale of 1 to 5?
   a. 1 - Very familiar
   b. 2 - Somewhat familiar
   c. 3 - Moderately familiar
   d. 4 - Not very familiar
   e. 5 - Not familiar at all
3. On which level of risk (investment type) do (or would) you primarily allocate your savings to?
   a. Low (e.g. Bonds)
   b. Medium (e.g. Funds/ETFs)
   c. High (e.g. Stocks)
   d. Very High (e.g. Cryptocurrency - Bitcoin, Ethereum)

Are data science students with zero or low levels of investment experience more likely to prioritize safety, preferring conservative options like bonds or funds, while active investors are expected to display higher risk tolerance, favoring riskier assets?

Familiarity vs. Risk Level (Normalized)

p-value = 0.07863

Is there a significant relationship between age with percentage of income, which is allocated to financial investments, among university students, irrespective of gender and academic program?
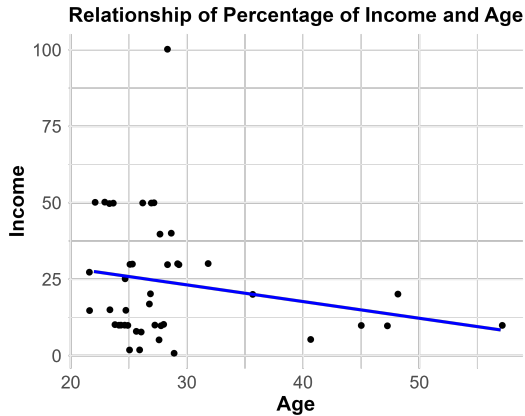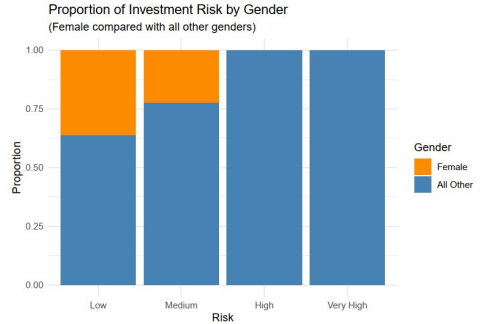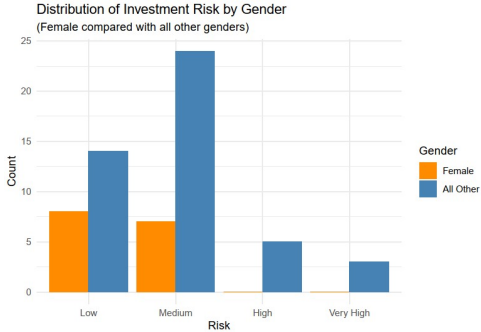
Figure: Relationship

p-value = 0.1751

Are women willing to take a higher investment risk than other genders? Is there a significant relationship between gender and risk?

Visualization

Distribution of Investment Risk by Gender
(Female compared with all other genders)

Proportion of Investment Risk by Gender
(Female compared with all other genders)

p-value = 0.3274

Questions?

Thank you!