

-2 Longitude -2 Longitude

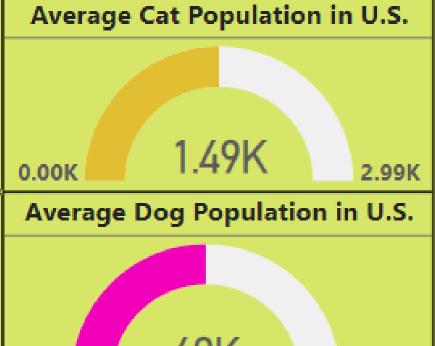
# Cat vs Dog Popularity in the U.S. Dashboard

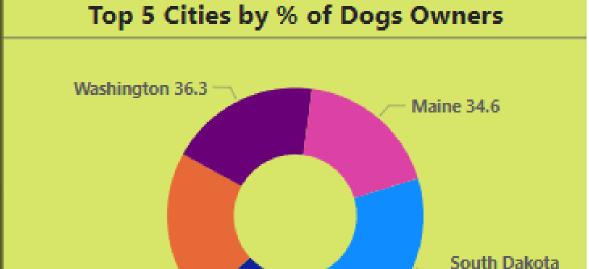
City

42.8



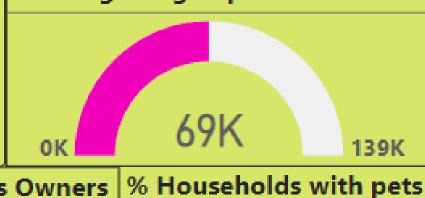
Average Dogs per Household

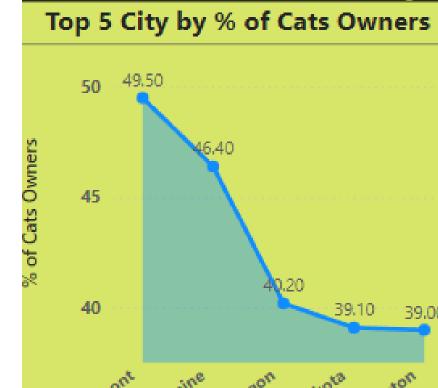


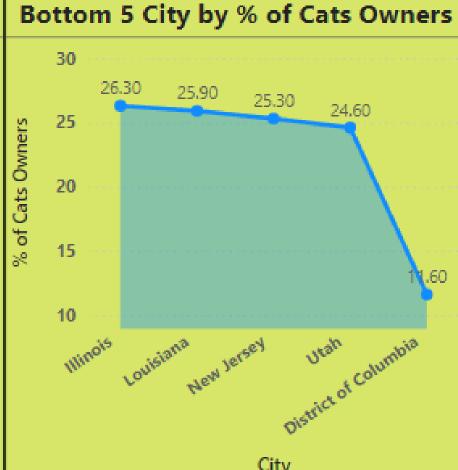


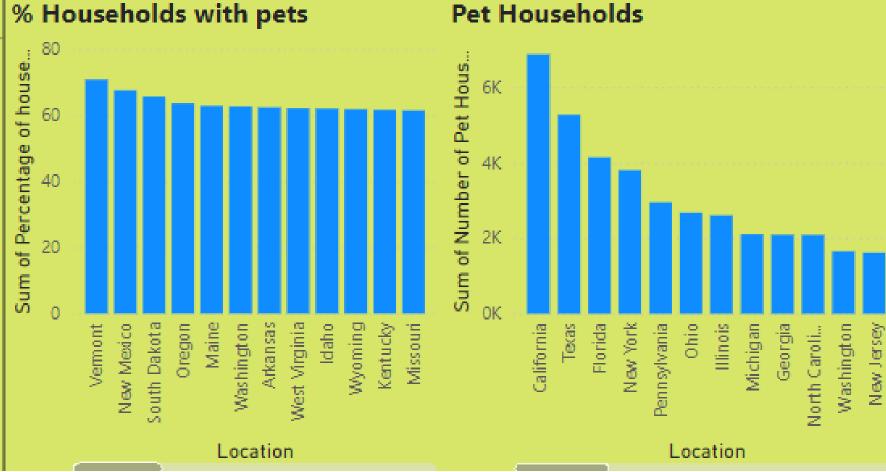
% Cat Owners

% Dog Owners





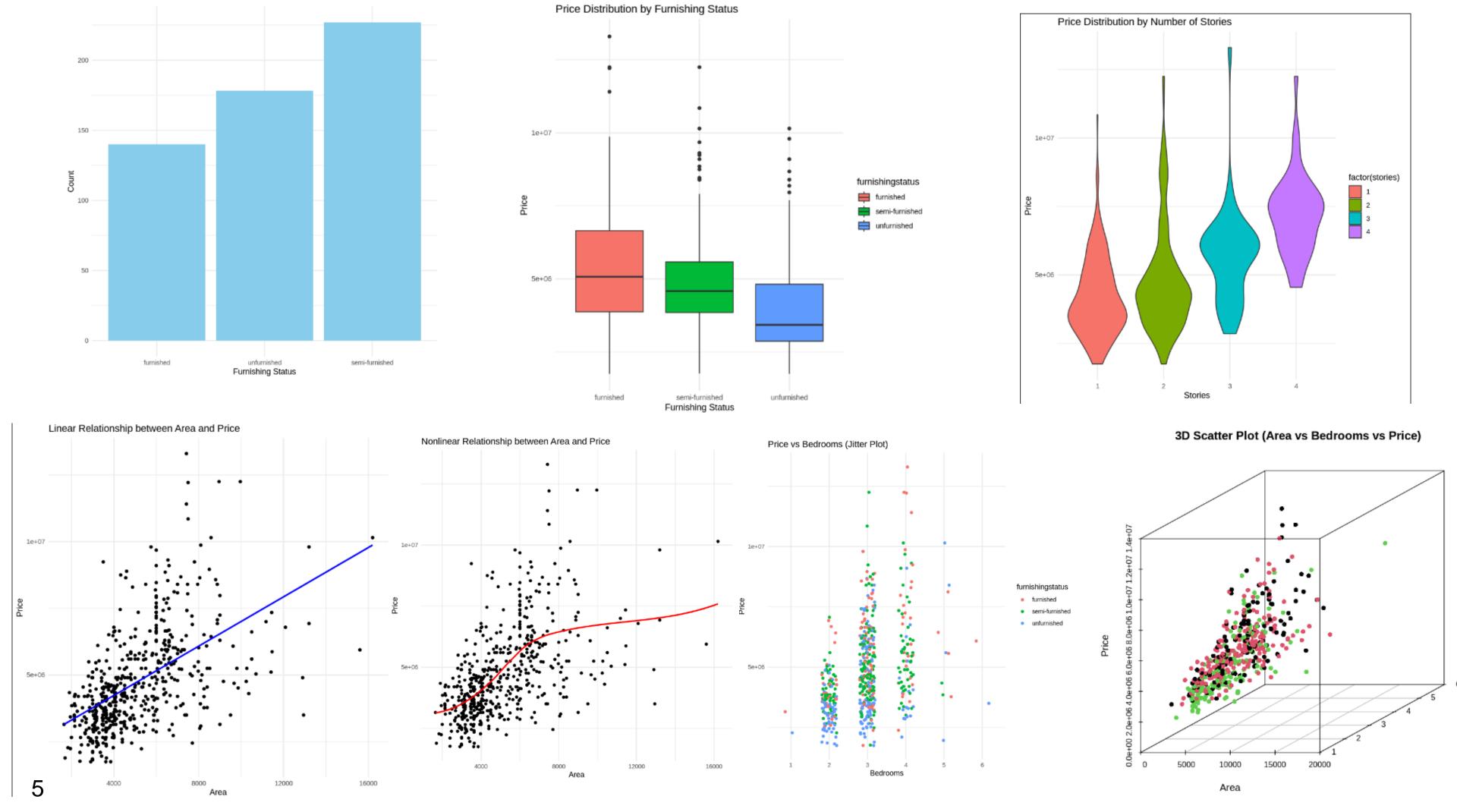




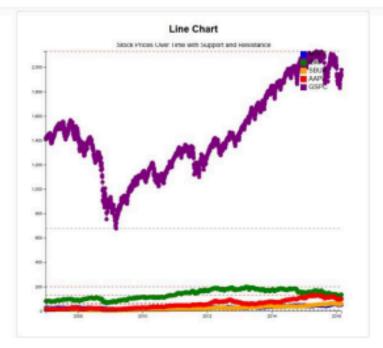
Vermont 37.7

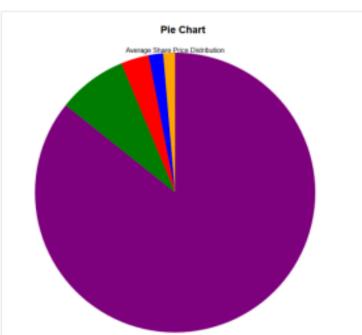
Oregon 38.8 -

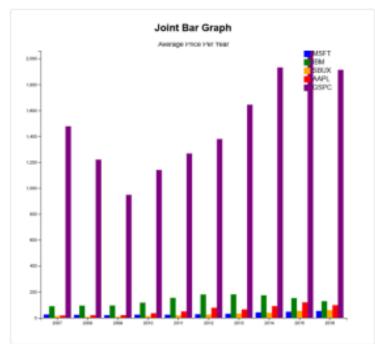
6

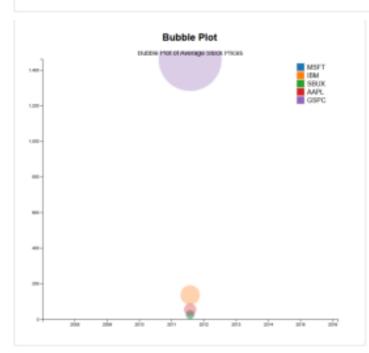


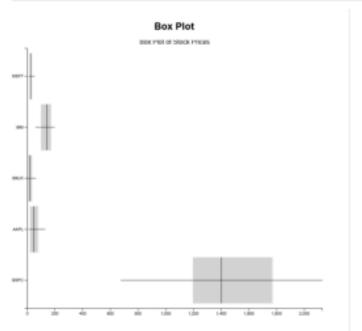
#### Financial Data Visualization

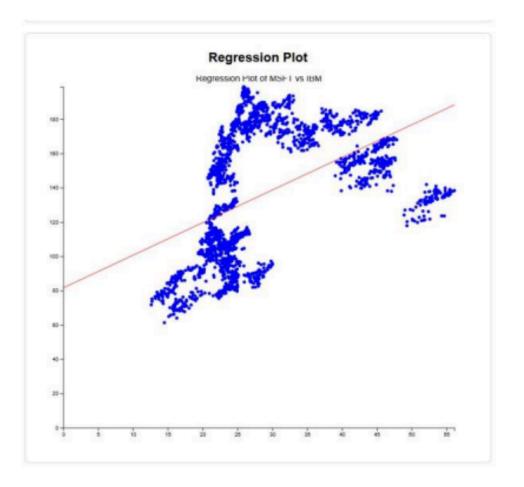












#### **Correlation Analysis**

Correlation between MSFT and IBM: 0.4820 (t-statistic: 26.4071, p-value: 0.0000; Reject the null hypothesis (correlation exists))

Correlation between MSFT and SBUX: 0.9317 (t-statistic: 123.1235, p-value: 0.0000, Reject the null hypothesis (correlation exists))

Correlation between MSFT and AAPL: 0.8681 (t-statistic: 83.9477, p-value: 0.0000; Reject the null hypothesis (correlation exists))

Correlation between MSFT and GSPC: 0.9229 (t-statistic: 115.0396, p-value: 0.0000; Reject the null hypothesis (correlation exists))

Correlation between IBM and SBUX: 0.6276 (t-statistic: 38.6968, p-value: 0.0000, Reject the null hypothesis (correlation exists))

Correlation between IBM and AAPL: 0.7428 (t-statistic: 53.2491, p-value: 0.0000; Reject the null hypothesis (correlation exists))

Correlation between IBM and GSPC: 0.5485 (t-statistic: 31.4885, p-value: 0.0000; Reject the null hypothesis (correlation exists))

Correlation between SBUX and AAPL: 0.9253 (t-statistic: 117.1437, p-value: 0.0000; Reject the null hypothesis (correlation exists))

Correlation between SBUX and GSPC: 0.8943 (t-statistic: 95.9133, p-value: 0.0000; Reject the null hypothesis (correlation exists))

Correlation between AAPL and GSPC: 0.8285 (t-statistic: 71.0026, p-value: 0.0000; Reject the null hypothesis (correlation exists))

## Weather Dashboard

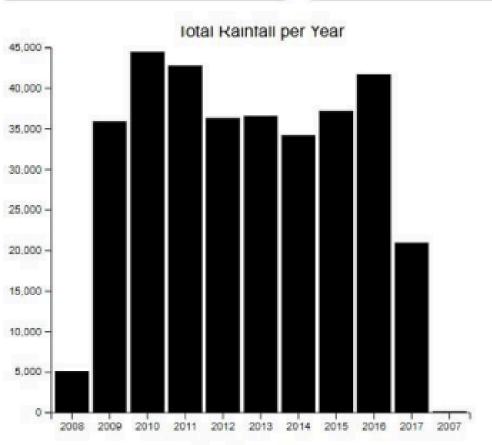
-5 -

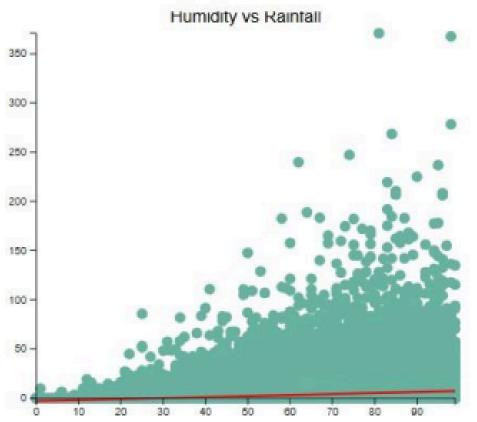
Max Temperature: 48.1

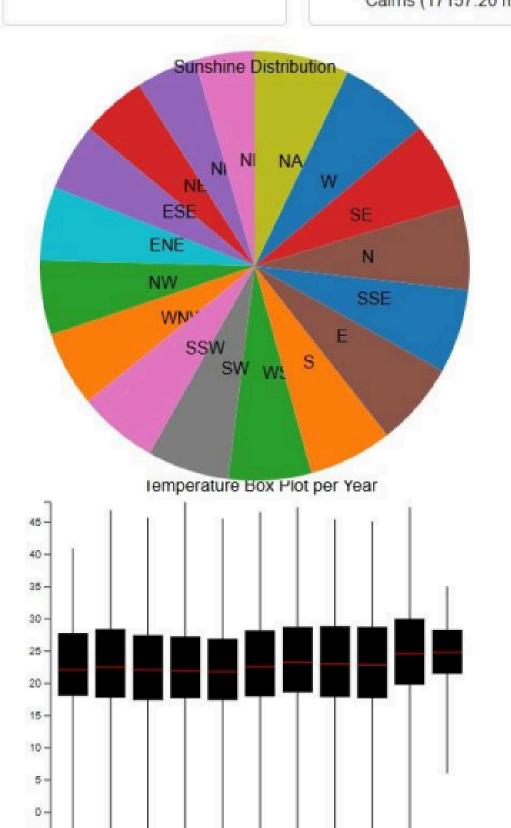
Min Temperature: -8.5

Max Humidity:

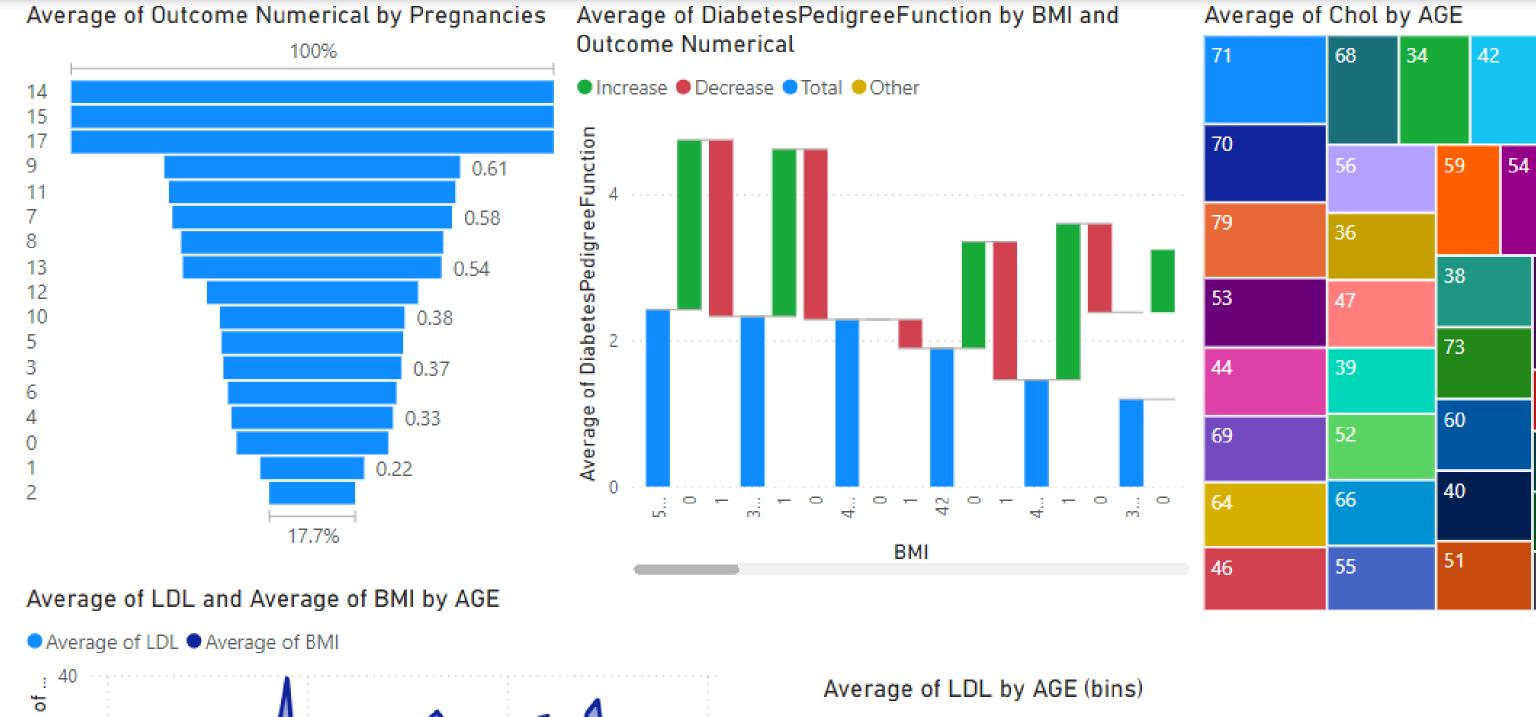
Location with Most Rainfall: Cairns (17157.20 mm)

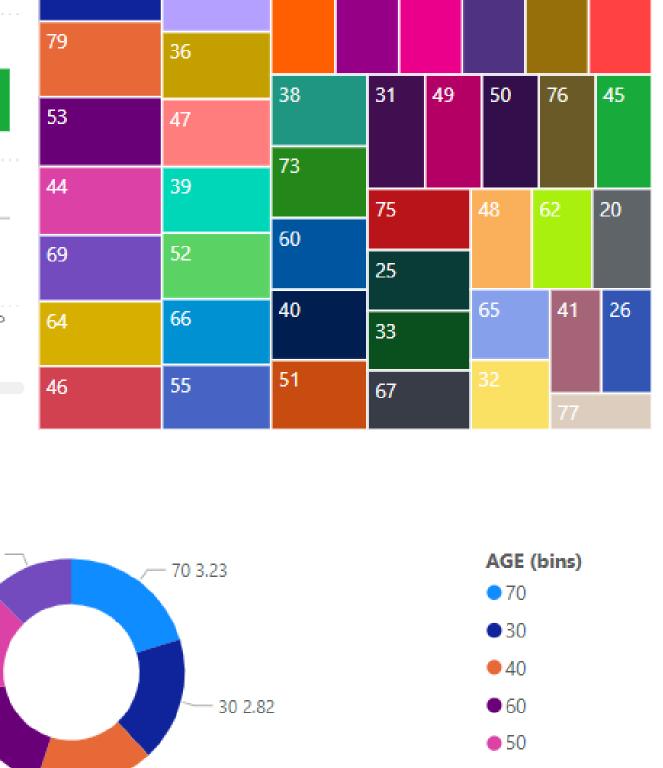


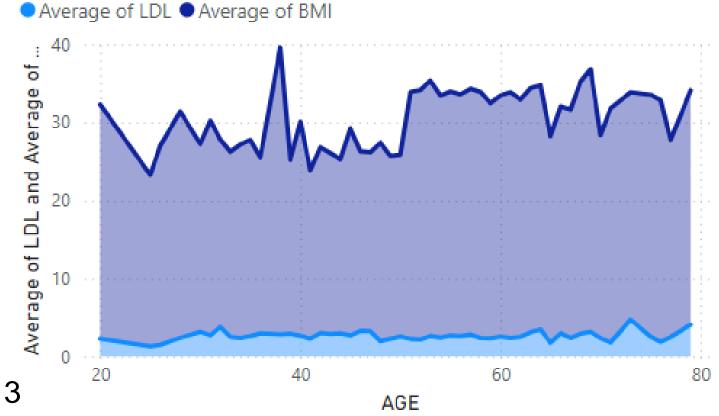


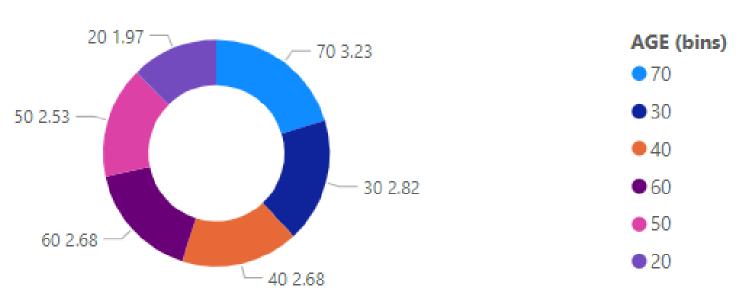


2008 2009 2010 2011 2012 2013 2014 2016 2016 2017 2007

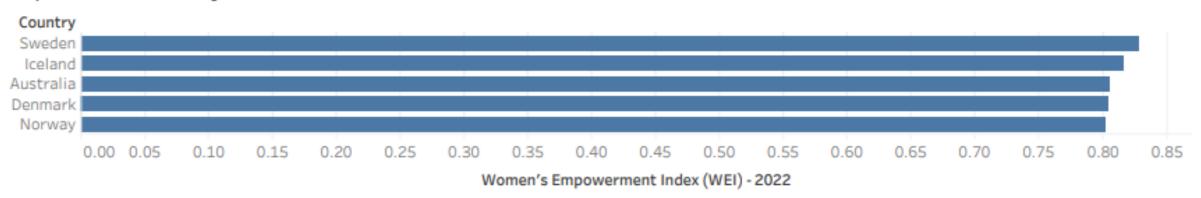




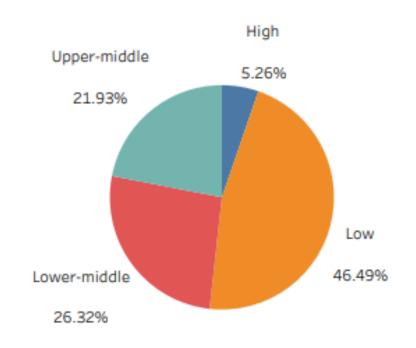




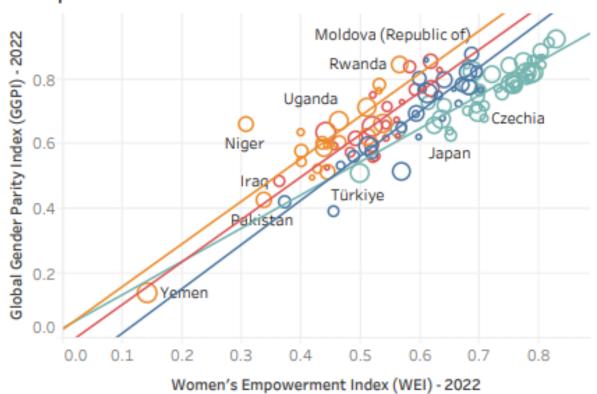
Top 5 Countries by WEI



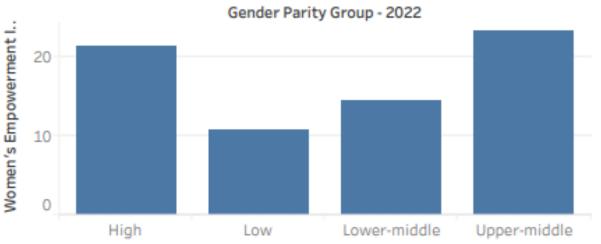
Countries by Women's Empowerment Group - 2022



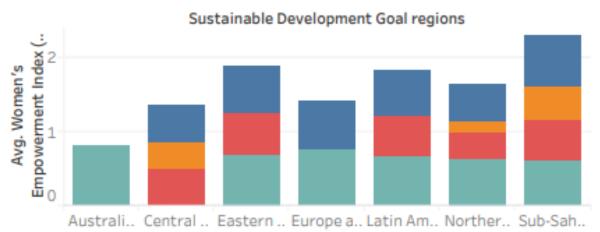
Comparison of WEI and GGPI

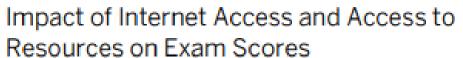


WEI by Gender Parity Group (2022)

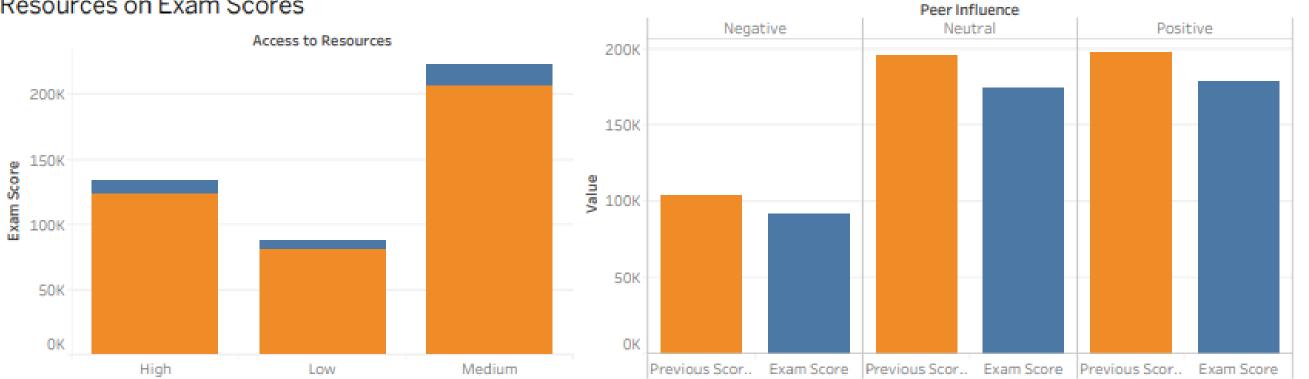


Avg. WEI by Region & Dev. Group (2022)





### Peer Influence on Exam Scores

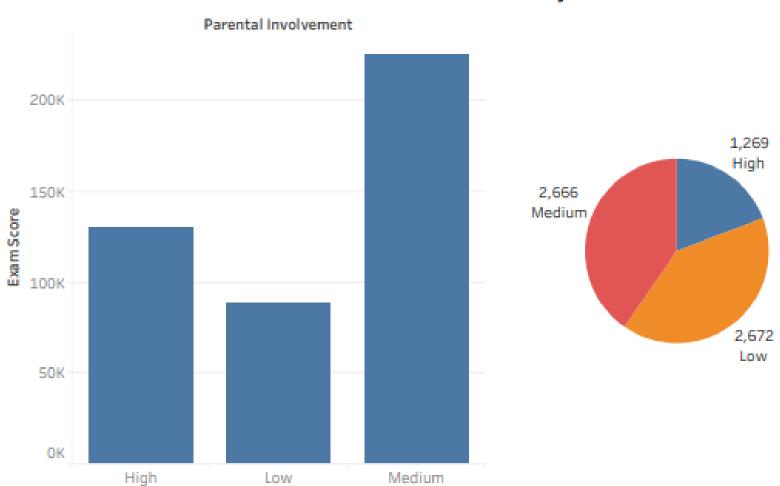


Impact of Parental Involvement on Exam Scores

Low

Distribution of Students Across Family Income Levels

Impact of Hours Studied and Motivation Level on Exam Scores



Medium

