```
In [ ]:
          # Import library
          import pandas as pd
          import plotly.express as px
          # Remove columns truncate
          pd.set_option('display.max_columns', None)
In [ ]:
          # Load in dataset
          stud_df = pd.read_csv("../datasets/Chilla_data2_for_plots.csv")
          stud_df.head()
Out[]:
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In [ ]:
          # Draw scatter plot with plotly
          fig = px.scatter(stud_df, x="Height in cm? Freelancer- (Float)", y="Your Weight in kg? (float)", color="Gender")
          fig.show()
                                                                                                    Gender
                 160
                                                                                                                                  Male
                                                                                                                                  Female
                 140
                 120
           Your Weight in kg? (float)
                 100
                  80
                  60
                  40
                  20
                                   200
                                              400
                                                         600
                                                                    800
                                                                              1000
                                                                                         1200
                                                                                                    1400
                                                                                                               1600
                                                        Height in cm? Freelancer- (Float)
In [ ]:
          # Draw scatter plot along with violin and box plots
          fig = px.scatter(stud_df, x="Height in cm? Freelancer- (Float)", y="Your Weight in kg? (float)",
                             color="Gender", marginal_y="violin", marginal_x="box",
                             trendline="ols", template="simple_white")
          fig.show()
                                                                                                    Gender
                                                                                                                                  Male
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                150
          Your Weight in kg? (float)
                100
                 50
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                                           Height in cm? Freelancer- (Float)
In [ ]:
          # Draw pie plot
          fig = px.sunburst(stud_df, path=['Qualification_completed', 'field_of_study'],
                              values='How many hours you code a day? (int) e.g: 5,4,3',
                              color='Age (years)-Float/Int',
                              hover_data=['Research/Working experience (Float/Int) years'])
          fig.show()
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                                                                                                                     Age (years)-Float/Int
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                                                        Biology
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                                          Enginnering
                                                                                    Enginnering
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                                                    CS/IT
                                                                                                                          20
                                                                            CS/IT
                                                                                                                          18
In [ ]:
          # Draw scatter plot
          fig = px.scatter(stud_df[stud_df["Location"]=="Pakistan"],
                             x="Age (years)-Float/Int",
                             y="Research/Working experience (Float/Int) years",
                             size="How many hours you code a day? (int) e.g: 5,4,3",
                             color="Qualification_completed", hover_name="field_of_study",
                             log_x=True, size_max=60)
          fig.show()
                                                                                                    Qualification_completed
                                                                                                                        Masters
                   9
                                                                                                                        Bachelors
           Research/Working experience (Float/Int) years
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                                                                                                                        Pre-Bachelors
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Age (years)-Float/Int

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