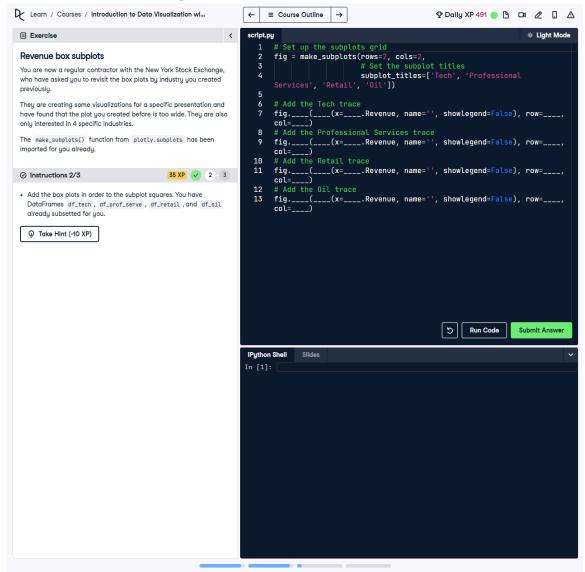
Revenue Box Subplots (With Traces)



Question:

You are now a regular contractor with the New York Stock Exchange, who have asked you to revisit the box plots by industry you created previously.

They are creating some visualizations for a specific presentation and have found that the plot you created before is too wide. They are also only interested in 4 specific industries.

The `make_subplots` function from `plotly.subplots` has been imported for you already.

Instructions:

- 1. Set up the subplots in a 2×2 grid.
- 2. Set the titles to be the industries (`Tech`, `Professional Services`, `Retail`, `Oil`).
- 3. Add the box plots in order to the subplot squares. You have DataFrames `df_tech`, `df_prof_serve`, `df_retail`, and `df_oil` already subsetted for you.

Answer:

```
# Set up the subplots grid
fig = make subplots(rows=2, cols=2,
            # Set the subplot titles
            subplot titles=['Tech', 'Professional Services', 'Retail', 'Oil'])
# Add the Tech trace
fig.add trace(go.Box(x=df tech.Revenue, name='Tech', showlegend=False),
row=1, col=1)
# Add the Professional Services trace
fig.add trace(go.Box(x=df prof serve.Revenue, name='Professional
Services', showlegend=False), row=1, col=2)
# Add the Retail trace
fig.add trace(go.Box(x=df retail.Revenue, name='Retail',
showlegend=False), row=2, col=1)
# Add the Oil trace
fig.add trace(go.Box(x=df oil.Revenue, name='Oil', showlegend=False),
row=2, col=2)
# Show the plot
fig.show()
```

Explanation of the Answer:

The `make_subplots` function from `plotly.subplots` is used to create a 2×2 grid for the subplots. Each subplot is assigned a title using the `subplot_titles` parameter. The traces for each industry's revenue data are added to the respective subplot using the `add_trace` method, with `row` and `col` parameters specifying the position in the grid. The `showlegend` parameter is set to `False` to avoid redundancy in legends. Finally, the `fig.show()` method displays the plot.