### 0.0.1 Question 4b

Create two line plots below. The first should show the relationship between average number of votes and runtime; the second should show the relationship between average rating and runtime. The runtime should be on the x-axis for both plots. Use the columns from the table generated in the previous part, `res_q4`. If your SQL query is correct you should get some interesting plots below. This might explain why directors keep going with a particular range of runtimes.

**Note**: Please use `sns` or `plt` functions for plotting. Plotly `px` does not export to the PDF properly. Please include descriptive titles and labels. If your plot does not show on the generated PDF, please upload a PDF with a screenshot of your code and the plot.

In [58]:
```
plt.figure(figsize=(10, 4))
plt.subplot(1, 2, 1) # DO NOT MODIFY THIS LINE
sns.lineplot(x='runtimeBin', y='averageNumVotes', data=res_q4)
plt.xlabel('Runtime in min')
plt.ylabel('Number of Votes')
plt.title('Number of Votes vs. Runtime')
plt.subplot(1, 2, 2) # DO NOT MODIFY THIS LINE
sns.lineplot(x='runtimeBin', y='averageRating', data=res_q4)
plt.xlabel('Runtime in min')
plt.ylabel('Average of Rating')
plt.title('Average of Rating vs. Runtime')
```

Out[58]:
```
Text(0.5, 1.0, 'Average of Rating vs. Runtime')
```