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EDA - test_Identify&InterpretRelationships.ipynb

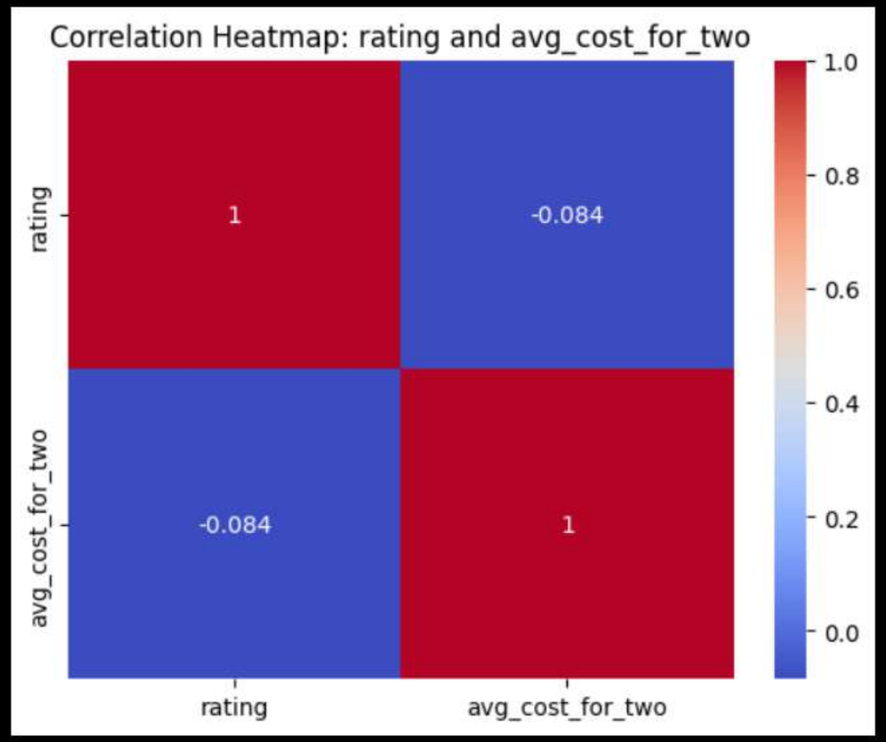
ndencyofData_1.py U | test_MeasureDataDistribution.py U | test_Identify&InterpretRelationships.py U | test_Identify&InterpretRelationships.ipynb U | DA314_S5_OrderDetails_Data_Concept.csv U

python > Day 5 > test_Identify&InterpretRelationships.ipynb > # correlation heatmap for rating and avg_cost_for_two

+ Code + Markdown | Run All | Restart | Clear All Outputs | Jupyter Variables | Outline ... venv (Python 3.12.10)

```
# correlation heatmap for rating and avg_cost_for_two
sns.heatmap(df[['rating', 'avg_cost_for_two']].corr(), annot=True , cmap='coolwarm')
plt.title('Correlation Heatmap: rating and avg_cost_for_two')
plt.show()
```

[9] ✓ 0.1s Python




```
plt.figure(figsize=(7, 7))
```

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EDA - test_Identify&InterpretRelationships.ipynb

test_CalculateCentralTendencyofData_1.py U | test_MeasureDataDistribution.py U | test_Identify&InterpretRelationships.py U | test_Identify&InterpretRelationships.ipynb U | DA314_S5_OrderDetails_Data_Concept.csv U

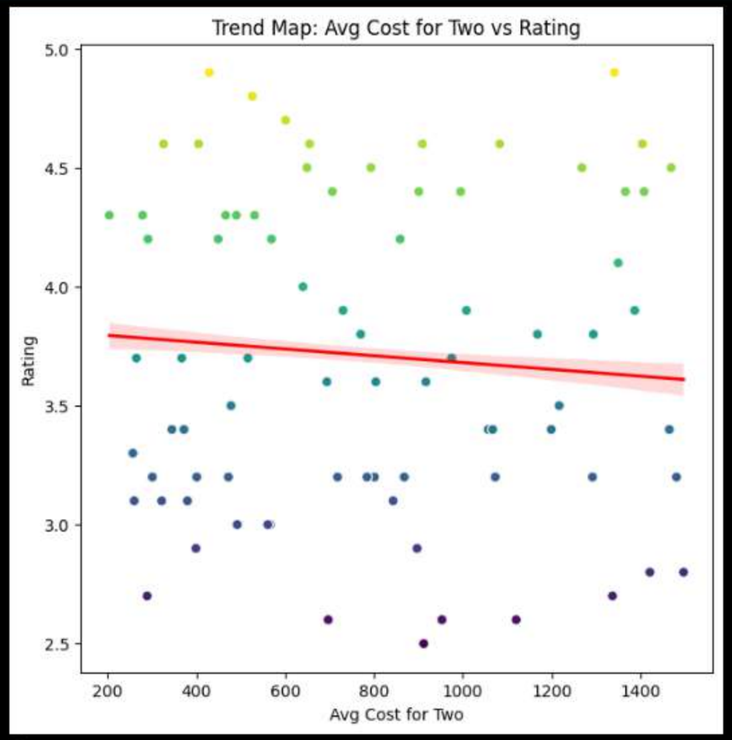
python > Day 5 > test_Identify&InterpretRelationships.ipynb > plt.figure(figsize=(7, 7))

+ Code + Markdown | Run All | Restart | Clear All Outputs | Jupyter Variables | Outline ...

venv (Python 3.12.10)

```
plt.figure(figsize=(7, 7))

# Scatter plot (with color by rating)
sns.scatterplot(data=df, x='avg_cost_for_two', y='rating', hue='rating', palette='viridis')

# Add a trend line (no scatter points from regplot)
sns.regplot(data=df, x='avg_cost_for_two', y='rating', scatter=False, color='red', line_kws={'linewidth':2})

plt.xlabel('Avg Cost for Two')
plt.ylabel('Rating')
plt.legend().set_visible(False)

plt.title('Trend Map: Avg Cost for Two vs Rating')
plt.show()
```

[10] ✓ 0.3s Python



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