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```
Pearson's Correlation Hypothesis Test:
H0: There is no linear relationship between Flight Distance and Arrival Delay.
H1: There is a linear relationship between Flight Distance and Arrival Delay.
Pearson's Correlation: -0.0020, p-value: 0.4770828950
Conclusion: Fail to reject H0
```

```
Spearman's Rank Correlation Hypothesis Test:
H0: There is no monotonic relationship between Flight Distance and Arrival Delay.
H1: There is a monotonic relationship between Flight Distance and Arrival Delay.
Spearman's Rank Correlation: -0.0018, p-value: 0.5057553804
Conclusion: Fail to reject H0
```

```
Kendall's Rank Correlation Hypothesis Test:
H0: There is no ordinal relationship between Flight Distance and Arrival Delay.
H1: There is an ordinal relationship between Flight Distance and Arrival Delay.
Kendall's Rank Correlation: -0.0014, p-value: 0.5048887922
Conclusion: Fail to reject H0
```

```
Chi-Squared Test Hypothesis:
H0: Customer Type and Satisfaction are independent (no association).
H1: Customer Type and Satisfaction are dependent (strong association exists).
Chi-Squared Test: 4493.1888, p-value: 0.0000000000
Conclusion: Reject H0
```

Correlation Heatmap

Correlation Heatmap

Correlation Heatmap