



Zerve AI Hackathon

Build it. Prove it. Ship it.

1st Place

\$2,000 USD
and Zerve Credits

2nd Place

\$1,000 USD
and Zerve Credits

3rd Place

\$500 USD
and Zerve Credits

The screenshot shows a Zerve notebook with the following code cells:

```
cell correlation_numeric_prep 0 1
1. read_csv('dataset.csv')
2. numeric_columns = df.select('numeric_columns')
3.
4. # Get numeric columns from the dataset
5. numeric_columns_df =
6. tutorial_dataframe.select([col for col in numeric_columns])
7. print(f"Shape: {len(numeric_columns_df.columns)}")
8. numeric_columns_df
9. print(f"Shape: {len(numeric_columns_df.columns)}")
10. print(f"Dataset shape: {numeric_columns_df.shape}")
11. print(f"Column names: {numeric_columns_df.columns}")

cell correlation_matrix_calc 2 1
1. # Calculate correlation matrix
2. correlation_matrix = numeric_df.corr()
3.
4. print("Correlation Matrix:")
5. print(correlation_matrix.head())
6. print(f"Matrix shape: {correlation_matrix.shape}")

cell correlation_matrix_plot 3 0
1. # Calculate correlation matrix
2. correlation_matrix = numeric_df.corr()
3.
4. print("Correlation Matrix:")
5. print(correlation_matrix.head())
6. print(f"Matrix shape: {correlation_matrix.shape}")
```

Last Date of Online Application : 9 January, 2026

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