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## Project Overview

Key Attributes: Age, Gender, Category, Born, Born City and Country, Died, Died City and Country, Organization Name, Organization City and Country

1.

## Libraries and Data Handling

Libraries used: Pandas, Seaborn, Matplotlib

Data loading and preprocessing: Loading from csv, Data cleaning, handling dates and categorical data.

2.

## Data Analysis Technique

Descriptive statistics: Mean, Median, Count, Standard Deviation.

Visualization: Bar Chart, Pie Chart, Heatmaps and Line Chart.

3.

## Visual Insights

Winner Distribution: count plots by country, distribution of gender, line type on year that won the noble prize

4.

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## Advance Analysis

USA dominance: most common Noble winner born in USA

5.

## Key Findings

User Demographics: Age, Gender, Year, Prizeshare, category, organization name, died city and country, born city and country, born.

6.

## Conclusion

Summary of winners and distributions

7.

## Appendix

Code snippet: Provided Python code used for loading, cleaning, transforming data, and generating visualizations

Dataset: Sample dataset of Noble

Github Website link:

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