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## **Project Overview**

- Objectives
- Key User Attributes

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## **Libraries and Data Handling**

- Libraries used: Pandas, numpy, matplotlib, seaborn,
- Data Loading and preprocessing:

03

## **Data Analysis Technique**

- Descriptive Statistics
  - Mean and Median
  - Count
  - Standard Deviation
- Data Visualization
  - Bar Charts
  - Pie Charts
  - Heatmaps
  -

04


## **Key findings**

- User Demographics
  - Country and Region Distribution
- Device Usage
  - Popular Countries by Pollution Levels
- Subscription Details
  - Temporal Trends in Pollution Levels

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## **Advance analysis**

- Geographical Insights
  - Categorization into Continents
  - Regional Analysis
- Temporal Trends
  - Pollution Trends Over Time
  - Seasonal Patterns



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## Visual Insights

- Gender Distribution
  - Count Plots
- Device Preference by Country
  - Device Usage Visualization
- Subscription Type Popularity
  - Visualization of Subscription Choices

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## Conclusion

- 1. Conclusion
  - Summary of Analysis
  - Insights and Implications
  - Future Directions and Recommendations