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Project Overview

Key user attributes : Age, Gender, Subscription Plan, Monthly Revenue, Last Dance of Activity, Join Date, Device.

02

Libraries and Data Handling

Libraries used : Pandas, Matplotlib, Seaborn.

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

03

Data AnalysisTechnique

Descriptive statistics : Mean, median, count, standard deviation. Visualization methods : Bar charts, pie charts, heatmaps, count and distribution plots.

04

Key Findings

User Demographics : Age and gender distribution, regional preferences. Device usage : Popular devices by user segment, device-based viewing patterns. Subscription details : Preferences for subscription plans, impact on user engagement.

05

Advance Analysis

Geographical insights : Categorization in to continents, regional analysis. Temporal trends : Sign-up trends over months, seasonal patterns.



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Visual Insights

Gender distribution : Count plots by country. Device preference by country. Subscription type popularity : Visualization of plan popularity.

07

Conclusion

Summary of insights derived, implications for future strategic decisions.

Appendix

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

Datasets : Sample dataset of Netflix users for data analysis.

Additional References :

<https://www.kaggle.com/code/amirmotefaker/supply-chain-analysis/notebook#Average-Defect-Rates-by-Product-Type>

<https://www.kaggle.com/code/onkarkota1010/supply-chain-analysis>

Github Website Link :

<https://nineswords.github.io/csel302/>



