# Pentapati Sai Abhiram

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## EDUCATION

Sathyabama Institute Of Science and Technology
Bachelors of Engineering in Data Science                                                                                    2023-2027

## PROJECTS

**Netflix Binge-Watching Analysis** Tools & Technologies: Python, Pandas, NumPy, Matplotlib, Seaborn

- Collected and analyzed Netflix viewing data to identify binge-watching patterns, popular genres, and content trends. Performed data cleaning, transformation, and aggregation using Pandas and NumPy for efficient analysis. Created interactive and insightful visualizations using Matplotlib and Seaborn to highlight genre popularity, release year trends, and user engagement behavior. Generated actionable insights, such as peak binge-watching hours and preferred content types, to understand audience preferences.

**May-2025**

**Zomato dashboard**
- Built an interactive Tableau dashboard to analyze restaurant ratings, pricing, cuisine trends, and customer preferences.
- Used filters, calculated fields, and visual charts to clean data and highlight key insights.
- Identified factors influencing high-rated restaurants and popular cuisine categories.
- https://public.tableau.com/app/profile/pentapati.sai.abhiram/viz/Zomato_175751 05447930/RestaurantOverview2?publish=yes

**Customer Behavior Analysis**

- Analyzed customer transaction data using Jupyter Notebook, Pandas, and PostgreSQL to understand purchasing patterns and discount usage.
- Cleaned, transformed, and queried data using SQL for deeper insights into customer segments and spending behavior.
- Built an interactive Power BI dashboard to visualize key trends such as high-value customers, category preferences, and revenue drivers.
- https://github.com/zorosai2508/Customer-behavior-Analysis

## CERTIFICATIONS

- Google Data Analytics
- Deloitte Certificate Tableau
- NPTEL Certificate Introduction with Data Base System
- Professional training  on Data Stories into Diving into Data  Science

**March -2025**

## ACHIEVEMENTS

Successfully advanced to the final round of the TechXelerate Hackathon through the development of an innovative and impactful solution

## SKILLS

Languages : Python , Java(Basic ),SQL (Intermediate), R programming
Tools : Pycharm,VScode ,GoogleColab,MySql,Rstudio
Library : Mathplotlib , Pandas ,Numpy,seaborn.Streamlit
Soft Skill-Analytical skills , Problem Solving Skill, Teamwork