Pranav Mishra

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EDUCATION

Indian Institute of Technology, Patna   July 2023 - June 2026
Bachelors of Science(H) in Computer Science and Data Analytics   **CGPA: 7.15/10**

Almighty Public Intermediate College   Apr 2021 - Apr 2023
Intermediate (Class XII)   **Percentage: 81**

Modern Academy Senior Secondary School   Apr 2019 - Apr 2021
High School (Class X)   **Percentage: 83.3**

OBJECTIVE

Analytical data professional skilled in Python, SQL, Tableau, and Power BI. Experienced in data cleaning, EDA, and machine learning. Seeking to leverage data-driven insights in an advanced data analytics role to enhance business decisions.

EXPERIENCE

Data Analyst | Intern | Cognifyz Technologies   December 2024 - Present

- Conducted comprehensive EDA tasks, including identifying top cuisines, analyzing price range distributions, and determining city-wise restaurant trends.
- Analyzed factors influencing customer satisfaction by comparing ratings of restaurants with and without online delivery services.
- Created visualizations such as histograms and bar charts to illustrate data insights effectively.
- Mapped geographic data to identify patterns and clusters of restaurants.
- Examined cuisine combinations and their impact on ratings to uncover customer preferences.

Data Analytics and Visualization | Intern | Accenture North America   December 2024

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture.
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.

PROJECTS

Customer Segmentation Project

- Successfully loaded and understood the customer data, ensuring data quality by removing duplicates and handling missing values.
- Identified and visualized outliers using techniques like box plots and scatter plots to enhance the accuracy of the segmentation process.
- Applied K-means clustering to group customers into distinct segments based on purchasing behavior and demographics, providing actionable insights for targeted marketing strategies.

Titanic Dataset Tableau Dashboard Project

- Created an interactive Tableau dashboard to analyze the relationship between passenger class and survival rates on the Titanic, with a focus on identifying vulnerable age categories.
- Visualized survival rates using bar plots segmented by class and age, providing insights into which age groups were most at risk within each passenger class.
- Utilized active filters for age to dynamically assess survival percentages across different classes, enhancing the dashboard's analytical depth and user interactivity.

Flipkart Sentiment Analysis

- Conducted sentiment analysis on Flipkart customer reviews to classify and understand user opinions.
- Utilized natural language processing (NLP) techniques and Python libraries such as NLTK and scikit-learn for text preprocessing and model building.
- Performed exploratory data analysis (EDA) to uncover patterns in review sentiments and customer behavior.
- Built and evaluated machine learning models to accurately predict sentiment polarity, achieving insightful results.

ACHIVEMENTS

- **Internselite** Traineeship Program in Data Science
- **Internselite** (Training Certificate in collaboration with E-Cell IIT Hyderabad)
- **Infosys Springboard** Introduction to Business Intelligence
- **Infosys Springboard** Power BI for Business Professionals

SKILLS AND INTERESTS

Python, MS Excel, PowerPoint, Communication and Presentation, Teamwork, Problem Solving, Analytical Skill, Leadership, Google Workspace, Tableau, Power BI, Artificial Intelligence Tools, Data Analytics

Relevant Coursework

Python(Programming Language), Python Libraries, Data Cleaning, Feature Engineering, SQL, Machine Learning, Statistical Analysis, Data Visualization, Data Preprocessing

Open Source Contribution

- Contributed my projects on **GitHub** to share knowledge and insights with the community.