





Pranav Mishra

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EDUCATION

Indian Institute of Technology, Patna

Bachelors of Science(H) in Computer Science and Data Analytics

July 2023 - June 2026

CGPA: 7.15/10

Almighty Public Intermediate College

Intermediate (Class XII)

Apr 2021 - Apr 2023

Percentage: 81

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 | Oasis Infobyte

Feb. 2024 - March 2024

- Cleaned and preprocessed raw datasets to ensure accuracy and reliability, preparing them for analysis and modeling.
- Created visualizations using matplotlib and seaborn libraries to uncover trends, patterns, and insights, making data-driven recommendations.
- Assisted in building and evaluating machine learning models to enhance predictive analytics and drive business decisions.
- Worked with large and complex datasets to identify key metrics, perform exploratory data analysis (EDA), and generate actionable insights.
- Analyzed market trends and customer behavior to support business development strategies and enhance competitive positioning.

Database Management | Workshop | WScube Tech

July 2024

- Attended a comprehensive workshop on MySQL at WScube Tech, focusing on database management concepts, SQL queries, and data manipulation techniques.

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.

House Price Prediction With Linear Regression

- Built and optimized a Linear Regression model to predict house prices based on various features such as location, size, and number of rooms, achieving a high R-squared value.
- Conducted thorough data cleaning and preprocessing, including handling missing values and outliers, and engineered new features to improve model accuracy.
- Developed visualizations to present the relationship between predicted and actual house prices, effectively communicating the model's performance and insights to stakeholders.

ACHIEVEMENTS

- **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, MySQL, Machine Learning, Statistical Analysis, Data Visualization, Data Preprocessing

OPEN SOURCE CONTRIBUTION

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