

# Om Prakash

Data Analyst — Data Science Enthusiast

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## Summary

Detail-oriented Data Analyst with a strong foundation in Python and SQL, experienced in data manipulation and visualization using Pandas, Matplotlib, and Power BI. Proven ability to apply machine learning techniques to solve real-world problems. Passionate about deriving insights from data to drive business decisions and improve operational efficiency.

## Education

### Bachelor of Computer Application (BCA)

Amity University, Patna, Bihar *Expected Graduation: Jun 2025*

CGPA: 8.5

**Relevant Coursework:** Data Structures, Algorithms, Database Management, Data Science Using R

## Technical Skills

**Programming:** Python, SQL, R, C++

**Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn, Power BI, Excel

**Databases:** MySQL, PostgreSQL, MongoDB

**Big Data:** PySpark, Data Wrangling, ETL Development

**Machine Learning:** Scikit-Learn, TensorFlow, Keras, PyTorch

**Tools:** Power BI, Jupyter, Git, Agile, Data Visualization

## Certifications

- **Data Analytics Essentials** – Cisco
- **Power BI Fundamentals** – DataCamp
- **Google Workspace Certification** – Udacity
- **SQL Certification** – HackerRank
- **MongoDB Certification** – GeeksforGeeks

## Projects

### Heart Disease Prediction [\[GitHub\]](#) [\[Demo\]](#)

Developed a logistic regression model achieving 94% training and 93% testing accuracy, predicting heart disease risk.

### Unemployment in India Analysis [\[GitHub\]](#)

Analyzed unemployment trends in India using Pandas and Seaborn; provided insights into demographic and regional factors.

### Analyzing Students' Mental Health [\[DataCamp\]](#)

Performed SQL-based analysis on student mental health datasets, deriving insights for intervention strategies.

### Exploring NYC Public School Test Scores [\[DataCamp\]](#)

Conducted an exploratory analysis of NYC test scores, revealing disparities and performance trends among demographics.

### Investigating Netflix Movies [\[DataCamp\]](#)

Explored and visualized Netflix movie dataset, analyzing genres, release trends, and viewer ratings.

## Professional Experience

### Data Science Intern

Jul 2024 – Aug 2024

Cetpa Infotech Pvt. Ltd.

- Developed a home price prediction model with 20% improved accuracy, applying linear regression and feature engineering.
- Built a spam detection system using NLP, achieving 98% accuracy.
- Conducted exploratory data analysis (EDA) on employment datasets to generate actionable insights.

### Data Science Training and Internship

May 2024 –

Jul 2024

Cetpa Infotech Pvt. Ltd.

- Conducted extensive EDA on real-world datasets; built clustering and regression models.
- Created Power BI dashboards for data visualization and insights communication.

## Awards & Achievements

- **Top Data Science Voice** – LinkedIn (2024)
- **AWS AIML Scholarship** – AWS (2023)
- **3-Star Python Badge** on HackerRank for Python programming skills.
- **4-Star SQL Badge** on HackerRank for MySQL skills.
- **Udacity Google Workspace** specialization.
- **4,00,000+ LinkedIn Impressions** on data analytics content.

## Extracurricular Activities

### Tech Coordinator – Amity University

Organized workshops on data science and programming for 50+ students, promoting skills in data analytics.

### Campus Ambassador – MentorAide, PreGrad, Newton School

Promoted online tech resources on campus, encouraging student engagement with programming and data science.