

PRADEEP KUMAR

Greater Noida | [Linkedle](#) | +91 8448777696 | Pradeep2002km@gmail.com

OBJECTIVE

A results-oriented professional, seeking opportunities with a renowned organization to utilize expertise and diverse skill set in leading and driving strategic initiatives within the Data Science and Machine Learning domains, while contributing to the achievement of organizational objectives.

EXPERIENCE

Codewave Solution Pvt Ltd. Internship

Oct 2023 – Mar 2024

Data Analyst | Unit 101, Oxford Towers 139, HAL Old Airport Rd, Kodihalli, Bengaluru.

- Focused on data cleaning, analysis, and visualization during Data Analyst internship at Codewave Solutions.
- Utilized SQL, Python, and Power BI to analyze and present data-driven insights.
- Conducted exploratory data analysis on datasets using Python and data visualization libraries matplotlib or seaborn to extract meaningful insights.

IBM SkillsBuild and CSRBOX Academic Internship

Remote

Jun 2023 – Jul 2023

- In the IBM Skillsbuid Internship, I work on data manipulation, data cleaning, using numpy, pandas. Data visualizations using matplotlib, seaborn.
- This contributed to the creation of data-driven reports and presentations for stakeholders, summarizing key findings and insights.
- Find market trends and patterns using analytical tools and get insights to help organizations or businesses.

PROJECTS

Project (1) – Amazon future sale prediction using Power BI.

- **Data Cleaning:** Efficiently preprocessed and cleaned large datasets, improving data accuracy and readiness for analysis.
- **Pattern Analysis:** Identify seasonal trends and patterns.
- **Time Series Forecasting:** Leveraged Power BI's advanced time series forecasting tools to predict future sales with high accuracy.
- **Dashboard Creation:** Visually engaging dashboards, providing stakeholders with real-time insights into sales trends.
- **Business Impact:** Enabled data-driven decision-making, improving sales strategy and inventory management.

Project (2) – Heart Disease Prediction using python, jupyter, machine learning.

- **Data Acquisition:** Gathered and cleaned medical data, addressing missing values and inconsistencies to ensure reliable input for predictive modeling.
- **Feature Engineering:** Applied advanced feature selection techniques to identify key health indicators contributing to heart disease prediction, optimizing model performance.
- **Machine Learning Model Development:** Built and trained multiple machine learning model Decision Trees, Random Forest using Python, jupyter achieving a high accuracy rate for heart disease prediction.
- **Model Evaluation:** Assessed model performance using key metrics such as accuracy, precision, recall, and F1-score, fine-tuning models for best performance.
- **Data Visualization & Insights:** Created interactive jupyter Notebooks to visualize prediction outcomes, presenting results in a clear and accessible format for healthcare professionals.

Project (2) – Churn Analysis (Power BI)

- **Objective:** Analyze customer churn patterns and identify key factors affecting retention.
- **Data Source:** Used historical customer data, including demographics, purchase history, and subscription details.
- **Data Cleaning:** Preprocessed data using Power Query in Power BI for better accuracy.
- **Dashboard Creation:** Built an interactive dashboard with key KPIs like churn rate, retention rate, and customer segments.
- **Visualizations Used:**
 - **Bar Charts & Pie Charts:** Showed churn distribution across different categories.
 - **Line Charts:** Displayed trends in customer retention over time.
 - **Filters & Slicers:** Enabled dynamic analysis based on customer demographics, tenure, and service usage.
- **Insights & Business Impact:** Identified customer segments with the highest churn rate and provided recommendations for improving retention strategies.

Project (3) – Google Trends (Power BI)

- Built an interactive **Power BI dashboard** using **Google Trends** and **Google KPIs** data.
- Analyzed search trends for job roles like **Data Analyst**, **Business Analyst**, and **Software Engineer**.
- Compared trends across different **countries** and **time periods**.
- Focused on understanding **market demand**, **career trends**, and **search behavior**.
- Practiced **data cleaning**, **transformation**, and **visual storytelling**.

EDUCATION

Mangalmay Institute of Engineering and Technology

Knowledge Park Greater Noida | Noida

Sep 2020 – Jul 2024

Computer science and Engineering | B. Tech

Specialization: Data Science

CGPA – 8.0/10

Senior Secondary | 12th

Apr 2019 – May 2020

Specialization: PCM

S B S IC Surajpur, Greater Noida

High school | 10th

Apr 2017 – May 2018

GNPS Surajpur, Greater Noida

TECHNICAL SKILL

- Python
- SQL
- Power BI
- Excel
- Data Analytics

SOFT SKILLS

- Team Player
- Problem Solving
- Critical Thinking
- Quick Learning
- Communication

CERTIFICATES & ACHIVEMENTS

- Python for Data Science Issued by IBM Completed Coursera
- Applied cloud computing for software Development Issued by TechSaksham
- Accenture Developer Program –Virtual Internship | Forage
- Python for Data Science Issued by Great Learning
- Data Science foundation Issued by Great Learning
- Data Visualization using Python | IBM.