PRINCE KUMAR

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EDUCATION

Dr. A. P. J. Abdul Kalam Technical University, Lucknow   *August 2022 – Present*

Bachelor of Technology, In Computer Science and Engineering

CAREER OBJECTIVE

Motivated Computer Science student with hands-on experience in **Data Analysis, visualization, and machine learning**. Looking for a **Data Analyst Internship** to apply Python, SQL, and Power BI skills to extract actionable insights from real-world datasets.

PROJECTS

Taxi Trip Data Analysis   *Python, Pandas, Seaborn, SciPy, Statsmodels*

- Performed end-to-end analysis on NYC taxi trip data by cleaning, engineering features, and removing outliers using IQR and boxplot methods.
- Visualized patterns (boxplot, histogram, pie, stacked bar) and used QQ plot with t-test to identify statistically significant differences in payment-based passenger behavior.

Vendor Sales Performance Analysis   *Power BI, Excel, Python*

- Analyzed real-world vendor and brand sales data to identify top and low-performing vendors.
- Built interactive dashboards in Power BI to visualize KPIs and uncover actionable sales insights.

Sentiment Analysis on Product Reviews   *Python, NLP, scikit-learn, NLTK*

- Built a machine learning model to classify product reviews into positive and negative categories.
- Applied text preprocessing, TF-IDF vectorization, and Logistic Regression for high classification accuracy.

Movie Recommendation System   *Python, Pandas, scikit-learn, Streamlit*

- Developed a content-based recommender using TF-IDF and cosine similarity on movie descriptions.
- Deployed the model with an interactive Streamlit UI for user-friendly recommendations.

TECHNICAL SKILLS

Programming Languages	Python (Pandas, NumPy), SQL, Java, JavaScript
Data Analysis	Power BI, Excel (Advanced), Jupyter Notebook
Data Visualization	Matplotlib, Seaborn
Machine Learning	scikit-learn, TensorFlow, Statistical Modeling
Database	SQL (MySQL,), NoSQL (MongoDB)
Tools	Git, VS Code, Google Colab, Streamlit

CERTIFICATIONS

- **Data Analyst Virtual Internship** Deloitte (Forage)   *2025*
- CodingCrush Competition **Winner** (Top 1%)   *2025*
- **SQL Certification** HackerRank   *2025*