Ashutosh Kumar

Linkedin: <http://www.linkedin.com/in/ashu2808/> Email: [kumarashutosh6895@gmail.com](mailto:kumarashutosh6895@gmail.com) [Github:](https://github.com/UjjwalJain02) <https://github.com/ashu-2808> Mobile: +91 8340461541

# Skills

**Languages**: C++, Python, C, R

**Tools/Platforms**: MongoDB, Tableau, ETL, Informatica Developer for Data Quality(IDQ), MS SQL Server

**Soft Skills**: Problem-Solving, Team Player, Project Management, Adaptability

# Training

**Cipher Schools (Edtech Company)** Jun’ 23 – Jul’ 23

Data Science using Python

* Performed Exploratory Data Analysis using NumPy and Pandas, leading to a 20% reduction in data preprocessing time.
* Developed, trained, and evaluated various Machine Learning models, including Linear Regression, KNN, SVM, Decision Trees, K-Means, and Ensemble Methods using Scikit-learn, achieving an average accuracy improvement of 15%.
* Employed feature engineering techniques to enhance model performance by 25% for predictive analysis.

# Projects

**Crop Recommendation System |** *Python, HTML, ML Predictive Analysis* May’ 24

* Preprocessed agricultural datasets using scikit-learn, resolving 100% of missing values and normalizing features, which optimized model performance by 30% and reduced prediction error by 25%.
* Leveraged ML for accurate recommendations based one parameters such as NPK, rainfall, humidity, temperature, and pH; achieved an 85% accuracy rate.
* Created and deployed a web- based application using Flask and integrated HTML, ensuring an intuitive and visually appealing interface, resulting in a user satisfaction score of 90.

**Pizza Sales Dashboard |** *Tableau Desktop, MS SQL Server* Apr’ 24

* Analyzed and improved customer satisfaction and loyalty by 50% visualizing key metrics, understanding popular pizza categories and sizes, enabling targeted marketing strategies and personalized promotions.
* Revamped inventory management system by pinpointing top-selling menu items and accurately forecasting demand, cutting wastage by 30% and maintaining optimal stock levels to meet customer needs.
* Positioned the company for future growth and expansion by leveraging data analytics to identify emerging trends and opportunities in the competitive pizza market, contributing to a 15% increase in market share.

**Hotel Management System |** *Java, awt, swing, MySQL(JDBC)* Jun’ 23

* Developed a robust hotel management system using Java, enabling efficient and digitalized management of hotel resources, reducing manual workload by 40%.
* Transformed management interface to allow effortless coordination of rooms, employees, drivers, and customers; boosted operational efficiency by 50% with a more compliant and user-friendly system.
* Integrated MySQL database with the application for data storage and retrieval, ensuring data integrity and reducing retrieval time by 30%.

# Certificates

Data Visualization with Tableau | [*Coursera*](https://www.coursera.org/account/accomplishments/verify/X4ERW6MLHYTE)May’ 24

Data Engineering Professional Certification | [*Altair Inc. RapidMiner*](https://drive.google.com/file/d/1bgvdnGoCt5jcWNTkxHlfGXlaLW00QDsV/view?usp=drive_link)Apr’ 24

Python | [*HackerRank*](https://www.hackerrank.com/certificates/c3da2b4db8d8)Mar’ 23

SQL | [*HackerRank*](https://www.hackerrank.com/certificates/0130f9e78d34) *Mar’23*

Stage Fright to SpotlightOct’ 23

# Education

**Lovely Professional University** Phagwara, Punjab

Bachelor of Technology Aug’ 21 – Present

Computer Science and Engineering; CGPA: 8.64

**TATA D.A.V School** Dhanbad, Jharkhand

Intermediate Mar’ 20 – May’ 21

PCM; Percentage: 86%

**TATA D.A.V School** Dhanbad, Jharkhand

Matriculation Mar’ 18 – May’ 19

Percentage: 89.2%