

BALJINDER SINGH

Delhi, India 110092 • balliji913@gmail.com • + 91 8810225755 • [Linkedin](#) • [Github/baljinder](#)

OBJECTIVE

Results-driven Data Scientist skilled in statistical analysis, machine learning, and data visualization. Proven ability in developing predictive models, recommendation systems, and customer segmentation to improve business outcomes. Seeking to leverage analytical expertise to drive strategic decision-making and boost organizational performance.

EDUCATION

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

Bachelor of Technology, Major in Computer Science (CGPA-8.37)

Delhi, India

2021-2025

TECHNICAL SKILLS

- **Data Science | Machine Learning | Deep Learning**
Python, Data Visualization, Data Cleaning, Supervised Learning Algorithms, Unsupervised Learning Algorithms, Natural Language Processing, Artificial Neural Networks, EDA, Feature Engineering, Feature Selection, etc.
- **Mathematics for ML & DL**
Algebra, Probability, Statistics, Calculus, Matrices
- **Python Packages & Frameworks**
Scikit-Learn, Tensorflow, Pandas, Numpy, Beautiful Soup, Seaborn, Matplotlib, Flask, Keras
- **Databases**
MySQL, MongoDB, PostgreSQL
- **Tools**
Power BI, Tableau, VS Code, Git, PowerPoint, Canva

SOFT SKILLS

Quick Learner, Attention to Detail, Team Leader, Problem Solving, Time Management, Financial Management, Adaptable, Work Ethics

KEY CONTRIBUTION

Fleetr Online Services

Delhi, India

Data Scientist | Management | Feb, 2023 - Present

Hybrid

- Developed **predictive models** to forecast inventory, reducing stockouts and overstock situations by **30%**.
- Utilized **clustering algorithms** for customer segmentation, enabling targeted marketing campaigns and improving conversion rates by **15%**.
- Developed **dashboards** and visualizations using **Tableau** and **Power BI**, facilitating data-driven decision-making, offering insights into sales performance and customer behavior.
- Participated in **strategic planning** sessions to outline goals, define KPIs, and track progress.

PROJECTS

Textual Analysis | Web scraper

[[PROJECT LINK](#)]

- Developed a Python script to automate **web scraping** and text analysis from multiple URLs.
- Utilized **BeautifulSoup** for parsing **HTML** and **NLTK** for tokenizing and cleaning text data.
- Aggregated data into actionable insights, enhancing web content analysis capabilities.

LOAN STATUS PREDICTION USING MACHINE LEARNING

[[PROJECT LINK](#)]

- Utilized Python to analyze **600+** customers to predict whether a person will get his/her loan approved.
- Implemented **Data cleaning**, **EDA** and **ML Algorithms** to analyze the data.
- Aggregated and visualized data by using **Pandas**, **Tkinter** and **Joblib** to predict the approval.

MALL CUSTOMER SEGMENTATION

[[PROJECT LINK](#)]

- Utilized Python to analyze **200** customers to gain the insights on what it needs to attract the customer.
- Implemented some quick **EDA** to the data and used **KMeans** for clustering & creating segments.
- Aggregated and visualized data by using **Pandas**, **MatPlotLib** and **Seaborn** to compile a report.

PRACTICE PROJECTS

- [Music Store Analysis](#) - PostgreSQL, PgAdmin4
- [Netflix Dashboard](#) - Tableau, Excel, Data Cleaning, **Data Transformation**, **Attention to detail**
- [Dyno Run Game](#) - Python, **pygame**

CERTIFICATIONS

[Complete Data Science Bootcamp](#) [Data Analyst & Visualization Job Simulation](#) [Python & AI](#)

ACHIEVEMENTS

- Led a **team of 10** to organize a **farewell** event for **500+ attendees**, showcasing **leadership**, team collaboration, and financial management. Successfully allocated resources and maintained cost controls to stay within a **100k budget**.
- Core member responsible for **managing Techfest**, demonstrating leadership, effective time management, and **financial oversight**. Successfully coordinated **team efforts** and ensured event execution within budget constraints.