# Narayan Yadav

Jaunpur, Uttar Pradesh – 222002

📞 +91-8529483499 | ✉️ yadavnarayan1272000@gmail.com

🔗 LinkedIn: https://www.linkedin.com/in/narayan-yadav | GitHub: https://github.com/Narayan736

## 🎯 Summary

Aspiring Data Scientist with hands-on experience in Python, R, SQL, and data visualization tools like Power BI and R Shiny. Currently pursuing M.Tech in Data Science & Analytics with a focus on Zero-Shot Multimodal NLP. Strong in EDA, machine learning models, and building insightful dashboards.

## 📁 Projects

Delhi Air Quality Explorer – R Shiny Dashboard (Jan 2024 – Apr 2025)

- Developed an R Shiny dashboard to analyze PM2.5 trends in Delhi (Anand Vihar, 2016–2023)

- Visualized AQI categories, smoggiest months, and weekend impact using ggplot2, dplyr, lubridate

- Handled 11% missing data using imputation and outlier capping

- GitHub: https://github.com/Narayan736/air-quality-dashboard

Crop Production Analysis & Yield Prediction – ML Project (Jan 2024 – Mar 2025)

- Performed EDA on Indian agriculture datasets (state, year, crop type)

- Engineered features and applied Random Forest Regression (R² = 0.98) for production prediction

- Used KNN for yield classification (Accuracy: 85%)

- Visualized trends using Seaborn, Matplotlib

Alibaba Sales Dashboard – Power BI (Feb 2025 – Mar 2025)

- Built interactive Power BI dashboard using Alibaba’s sales data (2012–2015)

- Cleaned data and built KPIs using Power Query & DAX

- Visualized region-wise sales, returns, and customer behavior with slicers and filters

## 📜 Certifications

- Data Visualization in Excel – Macquarie University – Nov 2024

- Introduction to Statistics – Stanford Online – Nov 2024

- Microsoft Power BI Data Analyst – Coursera – Mar 2025

- Foundations: Data, Data Everywhere – Google – Apr 2025

## 🧠 Technical Skills

Languages: Python, R, SQL

Tools & Platforms: Power BI, Excel, Jupyter Notebook, RStudio, RapidMiner

Big Data: Hadoop, Spark (PySpark), Hive

Analytics: EDA, Hypothesis Testing, Feature Engineering, Visualization

Libraries: Pandas, Seaborn, Matplotlib, Scikit-learn, ggplot2

## 🎓 Education

Lovely Professional University – Punjab, India

M.Tech in Data Science and Analytics | CGPA: 7.2 (Ongoing) | Aug 2024 – Present

Relevant Courses: Machine Learning, Big Data Analytics, Research Methodology

Thesis: Zero-Shot Multimodal NLP (Text + Image + Speech)

Lovely Professional University – Punjab, India

B.Tech in Computer Science and Engineering | CGPA: 6.7 | 2018 – 2022

Nehru Balodyan Inter College – Uttar Pradesh, India

12th Science | 83% | 2015 – 2017

10th | 85% | 2014 – 2015

## 🏅 Achievements & Leadership

- Led a 20+ member team in event management during B.Tech

- Independently executed 4+ data science projects with faculty approval