# Narayan yadav

Jaunpur, Uttar Pradesh 222002

📞 +91-8529483499 ✉️ yadavnarayan1272000@gmail.com 🔗 [LinkedIn](https://www.linkedin.com/in/narayan-yadav) | [GitHub](https://github.com/Narayan736)

# 📁 Projects

**Delhi Air Quality Explorer – Interactive Dashboard with R Shiny Jan 2025 – Apr 2025**

* Developed an interactive R Shiny dashboard to visualize PM2.5 trends in Delhi (Anand Vihar, 2016–2023).
* Visualized AQI categories, smoggiest months, and weekend impact using ggplot2, dplyr, and lubridate for clean, time-series visualizations.
* Handled 11% missing data through imputation and outlier capping to ensure reliable insights.
* Designed multi-tabbed UI with reactive filters and dropdowns to enable users to explore AQI trends by year, month, and weekday dynamically.

**Crop Production Analysis & Yield Prediction – Machine Learning** **Jan 2025 – 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 insights using Seaborn and Matplotlib, highlighting top crops, production trends, and state-wise contributions.

**Alibaba Sales Dashboard Using 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

**Foundations: Data, Data Everywhere by Google Apr 2025**

*Coursera*

**Microsoft Power BI Data Analyst Professional Certificate Mar 2025**

*Coursera*

**Data Visualization in Excel by Macquarie University Nov 2024**

*Coursera*.

**Introduction to Statistics by Stanford Online Nov 2024**

*Coursera*

🧠 Technical Skills

🧠 **Languages**: Python, R, SQL

🛠️ **Tools/Platforms**: Power BI, Excel, RapidMiner, Jupyter Notebook, RStudio

📦 **Big Data**: Hadoop, Spark (PySpark), Hive

📊 **Data Skills**: EDA, Hypothesis Testing, Feature Engineering, Visualization

🛠️ **Monitoring Tools**: Basic knowledge of Dynatrace and Splunk (Self-learning in progress)

# 🎓 Education

**Lovely Professional University** **2024 – Present**

*Master of technology in Data Science and Analytics — CGPA: 7.6(Ongoing) Punjab, India*

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

**Lovely Professional University Punjab** **2018 – 2022**

*Computer Science and Engineering — CGPA: 6.5 Punjab, India*

**NEHRU BALODYAN INTER COLLEGE** **2015 – 2017**

*12th with Science — Percentage: 83% Uttar Pradesh, India*

**NEHRU BALODYAN INTER COLLEGE** **2014 – 2015**

*10th with Science — Percentage: 85% Uttar Pradesh, India*