

# Aryan Verma

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## Profile

Aspiring Data Analyst with strong foundations in Big Data, Machine Learning, SQL, and Business Intelligence. Skilled in Python, Power BI, Tableau, and Data Visualization, with hands-on experience developing analytical solutions and dashboards. Passionate about leveraging data to optimize decision-making and solve real-world problems.

## Education

<b>PG Diploma in Big Data and Analytics</b> , CDAC Mumbai <i>Percentage: 65.00% — Division: First</i>	2025
<b>B.Tech in Civil Engineering</b> , H.R.I.T Institute of Technology, Ghaziabad Dr. A.P.J. Abdul Kalam Technical University, Lucknow <i>Percentage: 71.4% — Division: First</i>	2018
<b>Class XII (Science)</b> , M.R.L.B. Inter College, Barabanki UP Board <i>Percentage: 74.6% — Division: First</i>	2013
<b>Class X</b> , M.R.L.B. Inter College, Barabanki UP Board <i>Percentage: 68.5% — Division: First</i>	2011

## Technical Skills

- **Programming:** Python, SQL, R, C++, Java
- **Data Science:** Machine Learning, Recommender Systems, NLP, EDA
- **Big Data & Cloud:** PySpark, Hadoop, Azure (Databricks, Data Factory, Blob Storage, SQL DB, Key Vault), Apache Airflow
- **Visualization:** Power BI, Tableau, Excel, Matplotlib, Seaborn
- **Tools:** Git, Jupyter, Google Colab, VS Code

## Projects

<b>Mutual Fund NAV Forecasting System</b> <i>Python, PySpark, Azure Databricks, Airflow, Power BI, RAG</i> Built a cloud-based system to forecast mutual fund NAVs using machine learning. Automated workflows with Airflow and Data Factory, stored data in Azure Blob/SQL with Key Vault, and created Power BI dashboards. Integrated an RAG-based chatbot for investor queries.	GitHub
<b>Credit Card Financial Dashboard</b> <i>Power BI, MySQL, SQL Server</i> Created an interactive financial dashboard analyzing customer and transaction KPIs. Streamlined ETL, enabling near real-time insights and actionable reports for stakeholders.	GitHub
<b>Movie Recommender System</b> <i>Python, Scikit-learn, NLP, Pandas, NumPy</i> Built a content-based movie recommendation system using NLP and cosine similarity with feature engineering to improve relevance.	GitHub

## Certifications

- NIELIT Certification – Basic Computer Literacy (Word Processing, Spreadsheets, Digital Communication Tools)

## Extra-Curricular & Interests

- Two-time Mr. Lucknow Titleholder (Bodybuilding)
- NCR-level Champion in Mini Militia (Esports)
- Hobbies: Trekking, Traveling, Fitness