

# Debashish Rana

Ranchi Jharkhand

✉ dimareznokov@gmail.com

+91 9304211754

Dev Rana

Dave R

## Objective

---

Data Analyst optimizing business outcomes through dash boarding and cloud-scale analytics. Drove 23% cost reduction (Real View Garden), 18% retention lift (ML churn models), and 12% conversion growth (SQL behavioral analysis). Proficient in Python, SQL, Power BI, Seeking to deploy scalable data solutions.

## Skills

---

**Languages:** Python, R, SQL, MongoDB

**Libraries:** Pandas, NumPy, Scikit-learn, TensorFlow, SciPy, Matplotlib, Seaborn, Plotly, NLTK, Streamlit, OpenPyxl

**Tools and Platforms:** Power BI (DAX, Report Builder), Azure, PostgreSQL, MongoDB, GitHub, Git, Jupyter Notebook, VS Code, Jet Brains IDE, Hadoop Architecture

## Education

---

**Amity University Jharkhand**

*August 2025 – May 2028*

*BCA Specialization in Artificial Intelligence and Data Science*

- CGPA: 8.7/10
- **Relevant Coursework:** Data Structures and Algorithms, Natural Language Processing , Machine Learning, Data Exploration and Visualisation

## Experience

---

**Data Analyst Intern**

*Remote, Jharkhand*

Real View Garden

*March 2025 – May 2025*

- Architected Power BI inventory forecast dashboards reducing procurement waste by 23%
- Engineered churn prediction model (Python, Scikit-learn) boosting user retention by 18% via behavioral clustering + targeted email campaigns.
- Drove 12% conversion lift through SQL-driven analysis of session heatmaps & cart abandonment patterns.

**Artificial Intelligence and Microsoft Azure Intern**

*Remote, New Delhi*

AICTE

*May 2025 – June 2025*

- Trained NLP model (NLTK, transformers) predicting BSE stock trends with 87% accuracy.
- Developed and deployed real-time sign language detection system using CNNs achieving 89% frame-level accuracy, deployed via Azure ML pipelines.

## Projects

---

**Spotify Exploratory Data Analysis and SQL querying**

[GitHub repository](#)

- Engineered SQL ETL pipeline processing 20M+ records (Kaggle), reducing data retrieval latency by 20% via query optimization.
- Designed Power BI dashboard identifying top emerging artists, contributing to 10% engagement lift via personalized recommendations.
- Tools Used: Power BI, Kaggle, Excel , MySQL

**Blinkit Data Modeling and Real Time dashboard**

[GitHub Repository](#)

- Interactive Power Bi Dashboard to analyze data streams and enhanced warehouse decision making efficiency by 10%
- Developed real-time Power BI dashboard integrating 5+ data sources (inventory, logistics, sales) using DAX measures.

- DAX Calculations and custom measures to provide in depth insights in KPIs.

**Insight Spark — Real Time student performance report and dashboard for consultation**

[GitHub Repository](#)

- Deployed automated dashboard for 2 departments tracking 50+ students across 5 subjects, reducing manual reporting 75
- Flagged 12+ at-risk sections (scores <60%) using dynamic KPI thresholds, enabling targeted syllabus intervention.
- Tools: Streamlit, Plotly, Pandas, Numpy, OpenPyxl

## Certifications

---

- [Harvard CS50 Programming with Python](#)
- [Microsoft Career Essentials in Data Analytics Professional Certification](#)
- [Udemy Advanced Excel Functions and Automation](#)

## Achievements

---

- National Youth Ideathon cum Hackathon 2024 – State Championship Runner-up
- Google Cloud Gen AI and Arcade Hackathon 2025 – Regional Runner-up
- Mecon Ltd. – Recommended Student for Innovation (2024–2025)