Dinesh Barri

Citywest, Dublin, Ireland | ☎ +353892033146 | ✉ dineshbarri1997@gmail.com |
 in LinkedIn | ⬡ Github | 🌐 Portfolio

PROFESSIONAL SUMMARY

Data Analyst with 4+ years' experience driving business insights through statistical modeling, A/B testing, and KPI tracking. Skilled in Python, R, SQL, Power BI, and Looker to deliver automated analytics, dashboards, and actionable recommendations.

EXPERIENCE

Cognizant — Hyderabad, India
Data Analyst — *Jun. 2019 – Jun. 2023*

- Engineered end-to-end analytics dashboards using SQL and Looker, reducing bug resolution time by 40% through automated SLO alerts and monitoring of 10M+ daily records.
- Automated ETL pipelines and data quality workflows using Python and BigQuery, eliminating 60% of manual effort and reducing reporting latency by 35%.
- Built statistical impact analysis frameworks for call operations, increasing call-success accuracy by 25% and improving human-connect rates by 15%.
- Designed Power BI performance dashboards featuring 25+ KPIs, enabling data-driven workforce planning and operational decisions across cross-functional teams.

Atharvo — Bangalore, India
ML Engineer Intern — *Feb. 2019 – Apr. 2019*

- Developed supervised learning models using Python and Scikit-learn, improving prediction accuracy by 18% through advanced feature engineering and hyperparameter tuning.
- Created robust data preprocessing pipelines handling 500K+ records, transforming raw datasets into ML-ready features with Pandas and NumPy.
- Collaborated with product teams to integrate ML outputs into production workflows, enabling real-time predictions and data-driven decision support.

TECHNICAL SKILLS

Programming & Query Languages: Python, SQL (CTEs, Window Functions), R,C++,Java
Statistics & Experimentation: A/B Testing, Hypothesis Testing, Confidence Intervals, Descriptive Statistics, Causal Analysis
Data Analysis & Visualization: Power BI, Looker Studio, Tableau, Matplotlib, Seaborn, Plex, Excel (Advanced, Pivot Tables)
Analytics & BI: KPI Design, Ad-hoc Analysis, Dashboard Development, ETL Pipelines, Data Cleaning & Transformation
Databases & Cloud: PostgreSQL, MySQL, SQL Server, BigQuery, AWS S3, GCP
Collaboration & Tools: Git, GitHub, JIRA

PROJECTS

Ireland Hotel Pricing & Ratings Analysis | ⬡ Github | Live Demo — *Python, SQL, Power BI*

- Developed end-to-end Python & SQL pipeline to analyze 2,000+ listings, delivering actionable pricing insights.
- Enabled data-driven pricing decisions using interactive BI dashboards to identify best Irish properties.

Plemdo AI Enterprise Analytics | ⬡ Github — *AI, n8n, WhatsApp API*

- Developed AI-powered analytics system transforming WhatsApp conversations into strategic analysis.
- Reduced analysis time 95% by automating data pipelines, analytics workflows, and BI reporting processes.

Olympic Data Analytics Pipeline | ⬡ Github | Live Demo — *Power BI, Data Visualization*

- Built interactive Power BI dashboard analyzing 120 years of Olympic history (1896-2016) with 10K+ records.
- Designed interactive dashboards with time-series analysis, gender equity insights, and cross-sport performance analytics.

Neural Digit Recognizer | ⬡ Github | Live Demo — *PyTorch, Flask, Deep Learning*

- Built CNN-based digit recognition app in PyTorch, achieving 98% accuracy through advanced data modeling on MNIST.
- Developed scalable, Dockerized ML pipeline with Flask API and cloud deployment for robust data analysis.

EDUCATION

Dublin Business School — Dublin, Ireland
Masters in Data Science and Analytics — *Sep. 2023 – Sep 2024*

Gayatri Vidya Parishad College of Engineering — India
Bachelor of Technology in Computer Science — *2015 – 2019*

CERTIFICATIONS

Google Advanced Data Analytics Professional Certificate | Link — Google

Microsoft Power BI Data Analyst Professional Certificate | Link — Microsoft

TensorFlow Developer Certificate | Link — DeepLearning.AI