

ANSHUL CHIMNANI

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SUMMARY

Driven Quantitative Analyst with expertise in Python, SQL, and Statistical modeling, adept at deriving insights from large datasets to support predictive modeling and pricing strategies in high-velocity trading environments.

EXPERIENCE

Clepto, Freelance

May'25 – Present

AI Consultant

- Engineered modular n8n workflows integrating Google APIs, CRM systems, and RAG automation, cutting semantic retrieval latency by 50% and enhancing cross-system analytics coherence.
- Architected vector database search pipelines using Google Cloud embeddings and Python, accelerating semantic data retrieval and boosting operational analytics throughput by 35%.
- Built AI agent automation frameworks in n8n to orchestrate ERP and CRM workflows, improving process accuracy by automating decision logic and aligning with EU AI Act compliance.

Proveye, Dublin, Ireland

Nov'24 – Apr'25

Intern

- Developed Looker Studio dashboards querying BigQuery via SQL, empowering product teams with real-time insights and reducing ad hoc report creation time by over 30%.
- Optimized data models and SQL queries to slash report latency by 32%, improving user experience across regulatory and operational dashboards.
- Automated data pipelines in Python integrated with Azure Monitor, enhancing reliability and consistency of reporting infrastructure while consolidating metrics for senior stakeholders.

ZFA Labs Pvt Ltd, Remote

Jan'24 – Oct'24

Data Science Intern

- Created BI dashboards in Looker Studio and Power BI, translating complex data into intuitive KPIs that guided cross-functional decision-making at the executive level.
- Accelerated query performance by 41% through SQL optimization and dbt transformations, scaling data pipeline throughput to support high-volume analytical workloads.
- Collaborated with engineers to redesign the data warehouse schema, enhancing model consistency and enabling seamless integration across analytical environments.

Verity Knowledge Solutions, Mumbai, India

Jan'22 – Mar'22

Data Analytics Intern

- Built and maintained Oracle BI dashboards to monitor financial KPIs, improving transparency and enabling more timely insights into compliance-driven business performance.
- Enhanced ETL pipelines using SQL and automation, boosting data processing efficiency by 37% and accelerating monthly compliance reporting cycles.
- Supported migration of data models into Looker Studio, collaborating with analysts to validate consistency and maintain accuracy across high-value financial datasets.

PROFESSIONAL SKILLS

Programming & Modeling: Python, R, SQL, Predictive Modeling, Sports and Betting Data, Pricing Models, Risk Management, Data Sourcing, Data Cleaning, Statistical Analysis, Large datasets, Automation, Scikit-learn, Pandas, NumPy, Forecasting, Regression, Transfer Learning, Transformers, NLP, ML Pipelines.

Data Engineering & Pipelines: SQL, dbt, Apache Airflow (basic), BigQuery, Azure Data Factory, ETL/ELT Design, Data Cleaning, Data Integration, CI/CD Concepts.

Cloud Platforms: Azure (Synapse, Databricks).

Data Analytics & Visualization: Power BI, Tableau, KPI Dashboards, Power Query, DAX, Advanced Excel, Looker Studio.

Databases & Storage: PostgreSQL, MongoDB, SQL Server.

Enterprise Tools: Git, Jira, SharePoint.

Development Methodologies: Agile, Stakeholder Engagement, Cross-functional Collaboration, Documentation, and Continuous Learning.

Standards & Soft Skills: ISO 27001, ISO 8000.

EDUCATION

MSc in Data Analytics, Dublin Business School, Ireland

Jan'24

Level 9 QQI, 2.1

Bachelor of Engineering in Electronics, VESIT, Mumbai University, India

Sep'21

Graduated with 2.62 GPA