

LANBING ZHAO

Data Analyst

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Summary

Proactive and analytical Data Analyst with proven experience transforming complex data into actionable insights. Skilled in data cleaning, processing, and visualisation using Python, SQL, and data intelligence tools. Adept at identifying trends, optimising reporting accuracy, and driving data-driven strategies. Seeking to leverage a strong foundation in analytics to create measurable impact within a dynamic organisation.

Skills

- **Data Analysis & Visualisation:** Proficient in Python, Excel, Power BI, and Tableau for data manipulation and dashboard creation.
- **SQL:** Capable of extracting, joining, and analysing data from relational databases.
- **Statistics & Modelling:** Familiar with regression, hypothesis testing, and predictive analytics.
- **Data Integrity & Quality:** Skilled at cleaning, validating, and transforming large datasets to ensure accuracy.
- **Collaboration & Communication:** Able to translate complex findings into actionable insights for non-technical stakeholders.

Training & Certifications

- Tableau Certified Data Analyst Certificate – Tableau (Mar 2025)
- Certified SQL Developer (Advanced Level) – W3Schools (Apr 2025)
- Data Analyst Master Certificates (Excel, Python, Tableau, SQL, Power BI, R) – Simplilearn (Dec 2024)

Projects

Employee Performance Analytics using SQL & PowerBI

- Built a centralized relational database integrating employee, department, and regional data.
- Automated role validation, bonus calculations, and performance scoring using stored procedures and window functions.
- Created interactive Power BI report to recommend bonuses, promotions, and training based on performance and role alignment.

Comparison of Region-Based Sales using Tableau

- Created a multi-layered dashboard to compare sales data across regions.
- Utilised parameters and calculated fields to enable dynamic region-to-region analysis.
- Improve executive-level insights by streamlining access to top-performing vs underperforming markets.

App Rating Prediction using Linear Regression

- Participated in a data analysis project to examine Play Store app ratings and identify key performance drivers.
- Supported data preprocessing tasks including missing value handling, encoding categorical features, and trend analysis.
- Assisted in training a linear regression model to interpret how features like reviews and category affected user ratings.

Experience

Junior Data Analyst (Trainee) – Fortray Global Services Ltd, UK

Nov 2024 – Present

- Analysed large volumes of business-critical data, increasing reporting accuracy by 15% and supporting strategic decision-making across HR and sales functions.
- Developed and implemented interactive dashboards in Excel, Power BI, and Tableau, enabling stakeholders to identify trends more rapidly and reduce decision-making time through real-time insights into employee performance and regional sales metrics.
- Identified key patterns and insights from complex datasets by working on predictive analysis and operational data models, supporting data-driven initiatives that enhanced efficiency and stakeholder engagement.
- Streamlined data analytics processes by contributing to automated workflows and performance tracking, cutting turnaround time for ad hoc requests by 20%.

- Ensured data accuracy and integrity through rigorous validation and cleaning techniques applied to real-world datasets, minimising errors and improving stakeholder confidence in reports.
- Collaborated cross-functionally with HR, Sales, and Product teams to define data requirements and deliver actionable insights that informed decisions on bonuses, promotions, and market strategy.
- Applied fundamental SQL queries for data extraction and transformation across structured databases, improving access to key performance indicators for internal reporting.
- Communicated technical concepts and findings in a clear, concise manner to non-technical teams, fostering a data-centric culture and supporting organisation-wide adoption of analytics tools.

Economist – *People's Bank of China, UK*

Oct 2021 – Oct 2024

- Utilised Bloomberg Terminal to gather and analyse real-time data and news related to global financial markets.
- Automated daily retrieval and reporting of key global financial indicators such as sovereign bond yields, equity indices, exchange rates, and CDS spreads, using Refinitiv, enhancing efficiency and accuracy in market monitoring.
- Compiled daily reports on the UK financial market, summarising market movements.
- Produced in-depth macroeconomic analytical reports on topics including central bank monetary policy decisions, UK fiscal policy, and labour market developments.

Education

Master's in Economics

Xi'an Jiaotong University, Xi'an, China

Sep 2012 – Jul 2015

Bachelor's in International Trade

Jiangnan University, Wuxi, China

Sep 2012 – Jul 2015

Reference

Available upon request