

# DATA WAREHOUSE ENGINEER

Experienced Data Warehouse Engineer

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San Francisco

## SUMMARY

Expert Data Warehouse Engineer: Led the design and implementation of a new cloud data warehouse, resulting in 30% faster data processing and improved data accessibility for senior stakeholders. Proficient in ETL, SQL, Power BI, and cloud data architecture, with a proven track record of optimizing reporting and analytics for informed decision-making.

## EXPERIENCE

2020 - Present

Mountain View, CA

• Data Warehouse Engineer

Google

- Designed and implemented a new data warehouse for Google's advertising platform, which resulted in a 20% increase in data processing speed and 1.5M dollars reduction in data storage costs.
- Led a team of data engineers in the development of a new data pipeline for Google's search engine, which reduced the time to market for new data products by 50%.
- Developed a new data visualization tool for Google's marketing team, which increased the use of data-driven decision making by 25%.
- Presented data warehouse architecture and design best practices at several industry conferences, reaching an audience of over 1,000 data professionals.
- Mentored and trained junior data engineers, helping them to develop their skills and knowledge.

2017 - 2020

Somerset, NJ

• Data Warehouse Developer

AT&T

- Developed data warehouse schemas following Kimball's dimensional modeling principles, resulting in a 10% reduction in ETL job execution time due to efficient data joins.
- Leveraged Datastage Sequencer jobs to manage dependencies between 25+ parallel ETL jobs, ensuring an error-free execution flow and preventing data inconsistency.
- Implemented comprehensive QA testing for 100+ store procedures used for sales data validation, leading to a 98% decrease in reported data errors.
- Proficient in diverse data management technologies including QlikView, SQL Server, Oracle, SAP, Excel, and flat files, successfully migrated 50GB of legacy sales data to the new data warehouse.

2015 - 2017

Manchester

• Data Analyst

ABC Firm

- Developed and maintained Python and R scripts resulting in 15% improvement in data analysis time.
- Created and optimized Power BI dashboards resulting in 20% improvement in report generation time.
- Collaborated with collection agents to identify and address key business needs resulting in 10% increase in overall collections performance.

## STRENGTHS

✓ ETL Optimization

Reduced ETL processing time by 30% through performance tuning and automation.



Data Modeling

Designed and implemented dimensional data models for financial services companies.

## SKILLS

ETL	SQL	Power BI	MS Office	Data Science	Python	R	Cloud	Dimensional Data Modelling
Financial Services	Collections	Asset Management						

## EDUCATION

2011 - 2015

Chicago

• Bachelor of Science in Computer Science

University of Chicago