

# DATA SCIENCE DIRECTOR

## Data Science Director

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### Summary

Expert data scientist with over 10 years of experience in software architecture and digital strategy development. Proven track record of implementing state-of-the-art platforms and creating innovative digital solutions in the pharmaceutical industry. Directed major projects leading to improved operational efficiency and business growth.

### Experience

#### Google

##### Data Science Director

Mountain View CA

09/2018 - Present

- Led a team of 15 data scientists and analysts, overseeing all data science projects and ensuring timely delivery of high-quality results
- Developed and maintained data governance frameworks and policies to ensure compliance with regulatory and privacy requirements
- Improved data retrieval time by 27% through implementing Oracle database solutions for storing and managing large-scale datasets
- Implemented TensorFlow models for NLP tasks that resulted in a 15% increase in accuracy for sentiment analysis and text classification

#### Salesforce

##### Principal Data Scientist

San Francisco CA

05/2013 - 08/2018

- Increased operational efficiency by 12% with QlikView to create dynamic dashboards that drove data-driven decision-making
- Migrated 10TB+ of data onto Hadoop clusters from legacy systems, optimizing data storage and retrieval by 37%
- Designed and executed A/B tests that improved user engagement by 14% using Jupyter Notebook and Python
- Boosted team productivity by training 110+ employees on data literacy and usage of QlikView

#### Airbnb

##### Data Scientist

San Francisco CA

05/2008 - 05/2013

- Made a predictive pricing model with TensorFlow that increased revenue per booking by 6%
- Built an automated data pipeline using AWS and Informatica to reduce the data processing time by 39%
- Reduced overbooking instances by 24% by creating a dynamic inventory management system using SAS
- Deployed a predictive maintenance model for Airbnb's IT infrastructure using TensorFlow and AWS to reduce downtime by 17%

### Strengths



#### Team Leadership

Effectively led the data science team at Google, efficiently managed projects and optimised workflows.



#### Problem Solving

Strong problem-solving skills, identified and mitigated technical issues, improving system reliability by 20%.

### Skills

amazon web services • Apache • Atlas • AWS • Data Science • Hadoop • Informatica • Jupyter • jupyter notebook • Mahout • NLP • Oracle • oracle database • Python • QlikView • Salesforce • SAS • Sentiment Analysis • Tensorflow • Web Services

### Education

#### University of California

B.S in Data Science

04/2008