



Matthew Baker

Business Intelligence Analyst

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Work Experience

Liberty Mutual Insurance – Business Intelligence Analyst

2017 - current

Boston, MA

- Leveraged MicroStrategy for data analysis, resulting in 63% improvement in data-driven decisions.
- Developed interactive data visualizations using D3.js, which **improved user engagement by 78%**.
- Managed and optimized Google BigQuery, leading to a 77% reduction in query response times.
- Designed and executed ETL processes with SSIS, improving data integration efficiency by 58%.

State Street Corporation – Database Administrator

2014 - 2017

Boston, MA

- Administered PostgreSQL databases, optimizing data storage, reducing query execution time by 64%.
- Utilized IBM DataStage for streamlining data workflows, and **reducing data transfer delays by 67%**.
- Collaborated to develop database schemas using Microsoft Visio, improving data integrity by 88%.
- Facilitated documentation access through Confluence, which enhanced knowledge sharing by 64%.

Wayfair – Junior Data Analyst

2011 - 2014

Boston, MA

- Conducted data analysis using IBM Watson Analytics, uncovering insights that contributed to a **54% increase in sales conversion rates**.
- Implemented machine learning models on Google AI Platform, which resulted in a 62% improvement in demand forecasting accuracy.
- Assisted in data quality assessments and cleansing, enhancing data accuracy and reducing errors by 31%.
- Partnered with senior analysts to create comprehensive data documentation, achieving a 54% improvement in data transparency and accessibility.

Education

Bentley University – Bachelor of Science, Business Analytics

2007 - 2011

Waltham, MA

Skills

MicroStrategy; D3.js; Google BigQuery; SSIS; Microsoft Visio; IBM Watson Analytics; Google AI Platform; PostgreSQL; IBM DataStage; Confluence

Certifications

- Certified Business Intelligence Professional (CBIP)