JACKSON THOMPSON

Data Scientist II | AI | Data Visualization

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Chicago, Illinois

Summary

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With 7+ years in data science, I excel in machine learning, data analysis, and AI applications. Leading predictive model accuracy by 25% at previous role remains a key career highlight. Motivated by innovative data strategies and delivering high-impact solutions to drive efficient operations.

Skills

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- Statistics

- SQL

- Python

- Data Visualization

- Regression Analysis

- Machine Learning

Experience

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Data Scientist II

Blue Cross Blue Shield

05/2021 - Ongoing

Chicago, IL

- Led a team of four data analysts, increasing data processing efficiency by 30%, resulting in a reduction of processing time.

- Developed predictive models using machine learning, contributing to a 15% increase in customer retention over a year.

- Implemented a data visualization strategy, which improved executive decision-making by providing clearer insights into business performance.

- Automated the data collection process, reducing manual workload by 40% and increasing data accuracy.

- Enhanced data validation protocols, resulting in a 25% decrease in data errors, improving the quality of analytics.

- Championed the adoption of AI tools, increasing analytical capabilities and optimizing strategy execution across the company.

Data Analyst

Visa Inc.

08/2018 - 04/2021

Austin, TX

- Produced actionable insights from vast datasets, leading to a 20% increase in payment approval rates.

- Standardized data reporting processes, eliminating data discrepancies and improving reporting accuracy company-wide.

- Delivered comprehensive training sessions to junior analysts, enhancing their competency and operational effectiveness.

- Advanced the use of AI-driven statistical models, streamlining organizational financial forecasting processes.

- Collaborated with cross-functional teams to integrate new data sources, boosting analytics coverage by 15%.

Data Scientist

Dell Technologies

06/2016 - 07/2018

Round Rock, TX

- Conducted extensive statistical analysis, facilitating data-driven marketing campaigns that achieved a 10% increase in market share.

- Developed machine learning algorithms implemented in product quality assessments, significantly reducing product defects.

- Created interactive dashboards for upper management, enhancing understanding of complex data trends and patterns.

- Contributed to open data projects, strengthening community engagement and collaborative innovation.

Education

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Master of Science in Data Science

University of Illinois at Chicago

01/2014 - 01/2016

Chicago, IL

Bachelor of Science in Computer Science

University of Southern California

01/2010 - 01/2014

Los Angeles, CA

Projects

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Traffic Pattern Analysis

Analyzed city traffic patterns to optimize signal timings using machine learning models. See details at github.com/jacksonthompson/traffic-pattern-analysis

Predictive Retail Insights

Developed predictive models to forecast retail trends impacting inventory required by local stores. See details at github.com/jacksonthompson/retail-insights

Achievements

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Increased Predictive Accuracy by 25%

Utilized advanced statistical techniques and machine learning, contributing significantly to project outcomes at Blue Cross Blue Shield.

Standardized Data Reporting Protocols

At Visa Inc., streamlined data reporting processes to improve accuracy and consistency, leading to enhanced business insights.

Integrated New AI Tools

Integrated cutting-edge AI tools at Dell Technologies, enhancing analytical capabilities and strategic execution across departments.

Led a 4-Person Data Team

Managed and guided a team of data professionals, optimizing performance and achieving key business metrics at Blue Cross Blue Shield.

Interests

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AI & Machine Learning

Deeply interested in exploring and applying modern AI techniques to solve complex problems.

Statistics

Passionate about leveraging statistical methodologies to extract meaningful insights from data.