Katheline Diedrick

Data Scientist

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📞 (782) 231-0364

📍 Indianapolis, IN

Education

Master of Science in Data Analytics at Purdue University, West Lafayette, IN

Oct 2018 - May 2023

Relevant Coursework: Statistical Analysis, Machine Learning, Data Mining, Predictive Modeling, Data Visualization, Big Data Technologies, and Database Management.

Links

linkedin.com/in/kathelinediedrick

Skills

Python

SQL

TensorFlow

Pandas

Scikit-learn

Tableau

Hadoop

Languages

English

Russian

Profile

Data Scientist with 2 years of experience, skilled in transforming data into actionable insights. Proficient in Python, R, and SQL, with a knack for predictive modeling and data visualization. Passionate about solving complex problems to drive business growth.

Employment History

Junior Data Scientist at Google, IN

May 2025 - Present

- Developed and deployed machine learning models that increased data processing efficiency by 20%, enhancing real-time analytics capabilities.
- Collaborated with cross-functional teams to design a predictive algorithm, resulting in a 15% improvement in customer engagement metrics.
- Analyzed large datasets to identify trends and patterns, supporting strategic decision-making for product development initiatives.
- Automated data collection processes, reducing manual input time by 30% and improving overall workflow accuracy.

Data Analyst at Microsoft, IN

Apr 2023 - Apr 2025

- Spearheaded a project to optimize data processing workflows, reducing report generation time by 30%.
- Developed predictive models using machine learning algorithms that improved sales forecasting accuracy by 20%.
- Collaborated with cross-functional teams to design and implement dashboards, enhancing data visibility for stakeholders.
- Analyzed user behavior metrics to identify trends and provided actionable insights, boosting customer retention by 15%.
- Automated data collection processes from multiple sources, increasing efficiency and saving over 200 hours annually.

Certificates

Microsoft Certified: Azure Data Scientist Associate

Jun 2024

SAS Certified Data Scientist

Mar 2023

Memberships

IEEE

ACM