

Dhvani Soni

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Summary

Data Scientist with 3+ years of experience designing and deploying **AI/ML solutions** to **drive measurable business outcomes**. Proficient in **Python**, **SQL**, and **machine learning frameworks**, with expertise in **predictive modeling**, **ETL** pipeline optimization, and delivering **actionable insights**. Passionate about leveraging advanced analytics and AI to uncover opportunities, improve operational efficiency, and foster innovation in growth-oriented projects.

Work Experience

Jr Data Scientist

Aug 2023 - Jun 2024

Preemptor AI

Toronto, ON

- **Designed and deployed** machine learning models, **improving prediction accuracy by 90%** and driving enhanced user engagement.
- Developed interactive visualizations and dashboards that **reduced decision-making time by 30%**, significantly boosting operational efficiency.
- Translated intricate **statistical analyses** into clear business strategies, directly influencing **product development decisions**; strategies led to a notable increase in user adoption rates.
- Collaborated with teams to optimize product features and improve model performance. Built intuitive **visualizations and dashboards** that enabled data-driven decision-making, enhancing operational efficiency.

Data Analyst

Mar 2019 - Apr 2021

Fortune International

Gujarat, India

- Executed comprehensive SQL data analysis, uncovering inefficiencies and driving a 20% improvement in operational efficiency.
- Designed and implemented dashboards that streamlined access to key business metrics, driving a 25% increase in data-driven decisions among stakeholders.
- Streamlined reporting consistency, improving data accuracy by 40% through targeted cross-departmental data management initiatives.

Education

Humber College - Post Graduate Certificate

Jan 2023 - Aug 2023

Artificial Intelligence with Machine Learning, GPA: 4.0

Toronto, ON

Durham College - Post Graduate Certificate

May 2022 - Dec 2022

Data Analytics for Business Decision Making, GPA: 3.8

Oshawa, ON

Gujarat Technological University - Bachelor's Degree

Jun 2014 - Jun 2018

Computer Engineering

Gujarat, India

Projects

Azure Data Pipeline Automation and Analytics Integration

Feb 2024

- Automated data ingestion and transformation processes using Azure Data Factory and Databricks, optimizing data management and integration into Azure Synapse for advanced analytics.

AI-powered Image Caption Generator

Aug 2023

- Created an image caption-generating application using OpenAI API integration, enhancing user engagement by 70%, and improving user experience. Leveraged Natural Language Processing (NLP), LLM, and object detection models to generate personalized captions with relevant hashtags.

End-to-End ML Model Deployment on AWS

Jun 2023

- Designed an ML model for diabetes prediction on AWS. Leveraged SageMaker for model training and deployment and implemented CloudWatch for real-time monitoring and performance tracking to ensure reliability and scalability.

Skills

Languages: Python (Pandas, NumPy, scikit-learn, PyTorch, TensorFlow), R, SQL

Tools: Power BI, Tableau, MS Excel, Flask, Apache Spark, Hadoop

Cloud Services: AWS, Azure, Google Cloud Platform, Databrick

AI & ML: Classification Models, Regression Models, Clustering Analysis, Time Series Analysis, Deep Learning, Statistical Modeling, Natural Language Processing, CI/CD pipeline, A/B testing, Big Data, Docker, LangChain, Huggingface

Data Skills: Data Analysis, Data Reporting, Data Visualization, Data Wrangling, Data Mining, ETL, Data Manipulation