# Bhavya Vadher

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## Summary

Highly skilled Data Analyst with over 2 years of experience in utilizing data analysis tools and methodologies to develop data-driven business strategies and optimize workflows. Proven track record of designing and implementing scalable solutions to support business objectives and enhance operational workflows.

## Key Technical Skills

- Programming Languages: Python, SQL  
- Machine Learning: TensorFlow, PyTorch, scikit-learn  
- Data Analysis: pandas, NumPy, scipy  
- Backend Development: Django, Flask, FastAPI  
- Data Visualization: Power BI  
- Tools: Docker, Azure

## Employment Experience

**Data Analyst**Agendeas Solution, Rajkot, India  
Jan 2022 - Mar 2023  
- Conducted sales data analysis using Python, SQL, and machine learning, driving a 10% increase in product sales.  
- Spearheaded a cross-functional team for customer retention, improving rates by 20%.  
- Directed the development of a customer segmentation tool with Power BI and machine learning, boosting revenue by 15%.

**Data Analyst**YashWorld Products PVT LTD, Surat, India  
July 2021 - Dec 2021  
- Implemented A/B testing and statistical analysis, increasing website traffic by 15%.  
- Led pricing optimization with Power BI, resulting in a 15% profit margin increase and 10% market share growth.

## Education

- Graduate Certificate in AI & Machine Learning: Lambton College, Toronto (2023-2024), GPA: 3.41  
- Bachelor of Technology in Electronics & Communication: BVM, India (2018-2022), GPA: 3.6

## Projects

1. Virtual Technical Leader (VTL)  
- Integrated company information with a Large Language Model for quick data access and human-like query responses.  
  
2. Text Summarization Web Application – ‘AbbrivioAI’  
- Developed a text summarization app with an encoder-decoder model and a self-attention mechanism.

## Certifications

- DSA For Data Science  
- Machine Learning Course  
- Maths & Statistics Course  
- SQL For Data Science