

BHUVAN GIRISH DESAI

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My Portfolio

INTRODUCTION

18-year-old freshman at IIT Jodhpur, pursuing a Bachelor's degree in Data Science and Applied AI. I am eager to learn, grow, and expand my technical expertise.

EDUCATION

Bachelor of Science in Applied AI & Data Science

Nov 2024 - July 2028

Indian Institute of Technology, Jodhpur

- Data Analytics, Machine learning, GenAI
- Mathematics, Algorithmic thinking

Class 12th - Science Stream - KSEAB

June 2022 - July 2024

Vedantha PU College - Bangalore

- PCMCs - 82.38 %
 - 94/100 in Computer Science - Learnt C++
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SKILLS

- **Programming Languages:** Python, SQL, C++
 - **Libraries & Frameworks:** Pandas, NumPy, Matplotlib, PyTorch, Flask, PyGame
 - **Tools & Platforms:** Excel, Google Sheets, Jupyter Notebook, PowerBI, Kaggle, MySQL
 - **Data Science & Machine Learning:** Data Visualization, Data Analytics, Machine Learning
 - **Web Development:** Flask, HTML, CSS, JavaScript
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PROJECTS

Sales Data Analysis

- Processed and cleaned a year's worth of electronic sales data.
- Created insightful visualizations, including city-wise sales, month-wise trends, frequently bought together products, and hourly sales trends.
- Used Pandas and Matplotlib to derive business insights.

Bake-Mate AI

- Built an AI agent to handle customer orders efficiently with a friendly conversational interface.
- Ensured seamless interaction by confirming order details while reducing customer effort.

Pipe Quotation Generator

- A Flask-based web application for generating customized quotations for a hardware business, featuring dynamic pricing, discount management, and PDF generation.
 - Automating PVC pipe quotations with dynamic pricing, multi-tier discounts, GST compliance, real-time AJAX search, SQLite Cloud integration, admin-controlled discounts, and automated branded PDF exports.
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CERTIFICATIONS

- Tata Group - Data Visualisation: Empowering Business with Effective Insights Job Simulation
 - Python Bootcamp - LetsUpgrade
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