

KHUSHI S UTTAMANI

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EDUCATION

Bachelor of Technology, Major in Computer Science

Sep. 2023 - 2026

Pandit Deendayal Energy University, Gandhinagar
Current CGPA: 7.06 (upto 5th sem)

Diploma in Computer Science Engineering

Oct. 2020-2023

Parul University, Vadodara
CGPA: 8.36

Central board of Secondary Education

Bhartiya Vidya Bhavans, Vadodara
Percentage: 79.2%

PROJECTS

PDF to Summarized Audio with Real-Life Examples (Using LLM Model)

- Developed a pipeline to extract text from PDFs, generate concise summaries using Mistral AI, and create real-life examples for better understanding.
- Integrated Hugging Face's Mistral-7B-Instruct-v0.1 for NLP-based summarization and contextual example generation.
- Implemented text-to-speech conversion using both offline (pyttsx3) and online (Google TTS) methods for enhanced accessibility.
- Technologies Used: Python, Mistral AI (Hugging Face API), PyMuPDF (PDF Extraction), gTTS/Pyttsx3 (Text-to-Speech)

Sentiment Analysis through NLTK and Hugging face Transformers

- sentiment analysis of Amazon customer reviews using two powerful NLP techniques.
- We use NLTK's VADER, a rule-based model for quick sentiment scoring, and Hugging Face's Roberta a transformer-based model for more nuanced analysis.
- Technologies Used: Python, BeautifulSoup, NLTK's VADER, Hugging Face's Roberta

Walmart Sales Data Analysis

- Developed a data analytics project using Python and SQL to analyze Walmart transactions.
- Analyzed payment trends, sales performance, customer ratings, and profitability across branches and cities, using advanced SQL queries and data visualization techniques.
- Technologies Used: Python, SQL

SKILL SET

• Technical Skills:

- Programming Languages: C, Python, HTML, CSS, JavaScript
- Developer Tools: Google Colab, Jupyter Notebook, Git, GitHub
- Machine Learning & AI: Scikit-Learn, TensorFlow
- Data Analytics: Pandas, NumPy, Power BI, Matplotlib, Seaborn, Excel
- Cloud/Databases: MongoDB, MySQL

- **Soft Skills:** Event Management, Communication Skills, Leadership, Teamwork, Presentation Skills and

Literature Review skills

- **Areas of Interest: Artificial Intelligence & Machine Learning, Data Analytics & Visualization**

CERTIFICATIONS

- Power BI Job Simulation, PWC
- Data Analytics Job Simulation, Deloitte
- Data Visualization: Empowering Business with Effective Insights, TATA
- Foundations of Cybersecurity, Coursera
- Cyber security Fundamentals, IBM.Simplilearn

LEADERSHIPS

Public Relations and Marketing head, **Science and Technical Committee, PDEU**

Public Relations and Marketing Sub-Committee, **Science and Technical Committee, PDEU**