

VEDANT TRIPATHI '21

KALYAN, MAHARASHTRA

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Education

VIDYALANKAR INSTITUTE OF TECHNOLOGY

Bachelor of Technology in Electronics and Telecommunication with Honors in AIML

June 2020 – May 2024

CGPA - 8.84

SMT. CHM COLLEGE

HSC - PCM

June 2018 – March 2020

Agg. 80.61%

MODEL ENGLISH HIGH SCHOOL

SSC

June 2009 – March 2018

Agg. 85.80%

Experience

Assignment Helper

May 2022 – Till Now

Case Study Analyst

Freelancing

- Solved and delivered more than 300+ projects of Australian management students.
- Conducted research and analysis to develop solutions.
- Prepared comprehensive reports, charts, and tables based on case study requirements.

ACMEGRADE

May 2023 – July 2023

ML Intern

Internship

- Conducted data analysis on multiple datasets.
- Developed and implemented algorithms on machine learning models using Python.

Achievements

- NSS Volunteer Certificate- Completed 240+ Hours in Social service- Lead of 10 students during the 2nd year

Projects

DENTALNET / Python, Node.js, Google Colab, TensorFlow, keras, Matplotlib, Tflite

Oct 2023-Mar 2024

- Developed an AI-powered dental health diagnostic tool using convolutional neural networks (CNN) to identify five common dental conditions from RGB images.
- Utilized TensorFlow and Keras to construct a CNN architecture with layers optimized for efficient feature extraction and accurate multi-class classification.
- Enhanced model accuracy with data augmentation and rigorous evaluation, improving accessibility and precision in global dental diagnostics.
- Implemented a user-friendly web platform combining FastAPI and ReactJS, enabling swift image processing and easy mobile device image uploads.

WHATSAPP CHAT ANALYZER / Python, Pandas, Heroku, Regular Expression, Streamlit, Python libraries

May 2024

- Developed a web application for analyzing and visualizing WhatsApp chat details, deployed on Heroku for accessibility.
- Preprocessed text data using regular expressions and conducted comprehensive data analysis, including message counts, word counts, media messages, and shared links.
- Implemented Python code with Pandas for data analysis and visualization, utilizing techniques such as pie charts and heatmaps to derive insights from chat data.

PIZZAHUT SALES ANALYSIS /MYSQL

Feb 2024

- Developed SQL projects for analyzing pizza sales data, including creating databases, importing tables, and performing comprehensive data analysis such as total orders, top-ordered pizzas, and order quantities.
- Conducted advanced SQL analyses involving table joins, categorizing orders by date, calculating average daily orders, and detailed revenue analysis including top-selling pizzas and revenue distribution

Technical Skills

Languages: Python, MySQL, HTML, CSS, Hive

Frameworks/Libraries: Numpy, Pandas, Matplotlib, Scipy, Tensorflow, FastAPI

Others: Data Analytics, Statistics, Machine Learning, Big Data, Docker, Kafka

Computer Fundamentals: DBMS, Data Visualization Tools, Data Pipelines and ETL tools, Computer Network

Courses Done

Data Science for Engineers - NPTEL – 8 Week Course (Marks – 48%)

- Learned various statistical approach required for Data science, Mathematical concepts and applied statistics taught

Data Science masters 2.0 – PW Skills – 450+ hours

- Mostly each domain of data science such as Analytics, Statistics, DL, NLP, Visualization and more is covered in the Course.