

# Vedanshi Raval

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## EDUCATION

L.D. COLLEGE OF ENGINEERING

AHMEDABAD

B.E. Electronics & Communication

CGPA: 8.09 / 10

## GRADUATION

- Computer Networks
- Artificial Intelligence
- Machine learning
- Internet of Things

## SKILLS

### PROGRAMMING

- Python
- MySQL
- UNIX
- Streamlit
- Tableau
- PySpark
- Google Cloud Platform (GCP)
- Databricks
- Apache Airflow
- Apache Spark
- Apache Hadoop
- SAS

## SOFT SKILLS

- Problem-solving
- Adaptability
- Leadership
- Multitasking
- Time management

## LANGUAGES

- English
- Gujarati
- Hindi

## HOBBIES

- Cooking
- Sketching/Drawing
- History research

## EXPERIENCE

### TATA CONSULTANCY SERVICES | Assistant System Engineer

Nov 2023 – Present | Gandhinagar

- Migrated legacy SAS workflows to Python using libraries such as Pandas, NumPy, and xlsxwriter, integrating with Google Cloud Platform (GCP) services including BigQuery (for storage and SQL-based querying) and Cloud Storage (for file management).
- Designed and implemented data pipelines to fetch data from BigQuery or GCS based on processing requirements.
- Performed extensive data manipulation and generated output files in Excel or CSV formats as per project specifications.
- Achieved significant performance improvements, reducing processing time from hours to minutes by leveraging Python with BigQuery, resulting in substantial time and cost savings.

## PROJECTS

### MUSIC RECOMMENDATION

- Created a machine learning-driven music recommendation system using user's listening history to suggest songs they might like.
- Techniques. Collected and pre-processed user data, trained models, and evaluated performance metrics to enhance accuracy.
- Developed a user-friendly interface, resulting in personalized music suggestions and improved user engagement. Technologies used included Python and Scikit-learn.

### SPAM MAIL CLASSIFIER

- Machine Learning project to classify the mail is Spam or not using Machine Learning Algorithm using different Python modules, libraries Numpy, Pandas, Sklearn, Streamlit Webapp and Deployed on Cloud

## CERTIFICATE

- Google Cloud Associate Cloud Engineer

## ACHIEVEMENTS

- Received TCS Best Team Award two times for excellence in teamwork and project delivery