

VIGNESHWAR

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Experience

Tata Consultancy Services Ltd.

Tamil Nadu, India

Data Analyst

Jun 2023 - Present

- Wrote SQL queries on Snowflake environment to find active and inactive customers for targeted strategies.
- Collected 15K+ sales leads by web scraping using Python, Selenium and BeautifulSoup.
- Developed a Python algorithm using Regex, Pandas, and FuzzyWuzzy to match customer details in master and new data and saved 4 weeks of manual effort and \$3,500 in revenue.
- Created numerous tools for Quality checking and productivity improvement using Python and Excel VBA to automate repetitive work.

BOM Analyst and Excel VBA Developer

Oct 2020 - May 2023

- Created a tool using Excel VBA to automate merging of multiple variants BOMs into a single file reducing human effort from 11 hours to 1.5 hours and saved \$9,000 in revenue.

Professional Certificate

Scaler Academy

Tamil Nadu, India

Data Science & Machine Learning

Nov 2022 - Dec 2024

Coursework: Python, OOPS, Data Structures & Algorithms, Numpy, Pandas, Matplotlib, Seaborn, Databases, Data Visualization, Probability & Statistics, Hypothesis Testing, Product Analytics.

Case Studies

Yulu - Hypothesis Testing

Dec 2023

- Performed EDA to understand the data and applied 2-Sample T-Test, ANOVA, Chi Square test to find actionable insights.

Netflix Exploratory Data Analysis (EDA)

Aug 2023

- Conducted EDA and found actionable insights to enhance user engagement and boost traction on the platform.

Target Data Analysis - SQL

Jun 2023

- Analyzed Target's sales data using SQL in Big Query and found actionable insights and recommendations.

Education

Anna University, College of Engineering Guindy

Tamil Nadu, India

B.E Mechanical Engineering: GPA: 7.88/10

Aug 2016 - Apr 2020

Coursework: Differential Calculus, Matrices, C programming.

Leadership / Extracurricular

Tata Consultancy Services Ltd.

Tamil Nadu, India

Instructor

Nov 2023 - Dec 2023

- Taught Python to trainees through training sessions for a period of 2 months.

National Service Scheme

Tamil Nadu, India

Volunteer & Organizer

Sep 2016 - Jun 2019

- Organized a one day medical camp for our college sanitary workers.
- Participated in a 10-day rural camp, raising awareness on child education, and contributed to the community through cleaning, maintaining the local public school and temple, and engaging in tree plantation activities.

Technical Skills

Programming Languages: Python, MySQL, Excel VBA

Libraries: Numpy, Pandas, Matplotlib, Seaborn, Selenium, BeautifulSoup, Regex

Technologies: Snowflake, BigQuery, Tableau, Snowflake