

# SENTHURAN S

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## PORTFOLIO



<https://senthuran-s.github.io/SenthuranS-Data-Analyst-Portfolio/>

## SUMMARY

Data Analyst skilled in SQL, Python, Power BI, Tableau, and Excel with hands-on experience cleaning and visualising large datasets. Strong engineering background with proven ability to automate workflows and deliver insights that support business decisions.

## SKILLS

- Data Analysis & Visualisation: Power BI, Tableau, Excel
- Programming Databases: Python (Pandas, NumPy), MySQL
- Analytics & Reporting: Google Analytics, Statistical Analysis, Data Cleaning

## CERTIFICATIONS

- Google Data Science Foundation
- Google Analytics Certification
- Data Analyst (Udemy)- Data Cleaning, Preprocessing, Statistical Analysis, Visualisation
- MS Excel (Great Learning)
- Soft Skills Training (Infosys)

## EDUCATION

**2016 – 2020**

B.E. Mechanical Engineering,  
Saranathan College of  
Engineering, Trichy

CGPA: 8.032 / 10

## PROJECTS

### **Layoff Data Analysis (MYSQL)**

- Cleaned and analysed 3,000+ layoff records across industries.
- Identified trends by company size, location, and year, helping highlight market instability.
- Optimised SQL queries to improve extraction speed by 25%.

### **Bike Sales Analysis (Excel)**

- Processed 5,000+ sales records with pivot tables and formulas.
- Built dashboards to track regional sales and customer segments, reducing reporting time by 30%.

### **File Automation (Python)**

- Automated folder/file sorting using Python, cutting manual effort by 80%.

### **Airbnb Listings Dashboard (Tableau)**

- Visualised 50,000+ listings to uncover trends in pricing, occupancy, and property type.
- Built interactive dashboards with filters for region, property type, and ratings.

### **Survey Data Dashboard (Power Bi)**

- Analysed survey responses from 200+ professionals transitioning into data careers.
- Created a Power BI dashboard visualising demographics, skill adoption, and career trends.

## WORK HISTORY

### **Tata Consultancy Services Limited, Bangalore**

#### **System Engineer**

**(2021 – Present)**

- Processed and validated large datasets of aircraft structural test results, improving accuracy of compliance reports by 15%.
- Automated engineering documentation workflows in Excel, CATIA and SAP, reducing manual reporting time by 30%.
- Ensured compliance with safety and performance metrics, enabling faster client approvals.
- Streamlined documentation processes, cutting review cycle time by 20%.

### **Cheers Interactive Pvt Ltd, Mumbai**

#### **Intern - Analyst**

**(2021)**

- Conducted market analysis of 50+ emerging products, evaluating market share, availability, and pricing.
- Built Excel models to track product performance trends, improving reporting efficiency by 25%.
- Collaborated with teams to identify product gaps and recommend improvements.