

Sezhiyan S.R

Phone: +91-8148919050 | <https://linktr.ee/Sezhiyan.S.R>

| sezhiyan.sr@gmail.com | [linkedin.com/in/sezhiyan-selvaraj](https://www.linkedin.com/in/sezhiyan-selvaraj)

I am passionate about data analytics and have a degree in mechanical engineering. Seeking opportunities where I can utilize my analytical and technical skills to solve real life data analytics problems.

Education

Aug 2018 – Nov 2021

A.R.M College of Engineering and Technology, Chennai - *Bachelor in mechanical engineering*

8.2 GPA

Skills

Programming	Python, SQL, Excel
Visualization	Tableau, Power BI, Excel Charts, Jupyter Notebook
Database	MySQL
Soft Skills	Excellent verbal and written communication skills, presentation, and story telling skills

Courses

Data science & machine learning	Python Programming
Data Analysis with Excel	Visualizing with Power BI

Certifications and Awards

- NIIT professional certificate for an advanced post graduate program in data science & machine learning.
- Great learning professional certificate for Analyzing & Visualizing with Power BI
- Completion certification of virtual internship by Bharat intern in data science.

Project Experience

Feb 2023 - Mar 2023

Amazon product sentiment analysis, NIIT - *Data Science Student*

- Conducted sentiment analysis on customer reviews for Amazon products to extract valuable insights and assess overall customer satisfaction.

- Applied advanced sentiment analysis techniques to large datasets of Amazon product reviews using **Natural language processing (NLP)** tools and machine learning algorithms.
- Extracted meaningful patterns and trends from unstructured data, providing actionable feedback to product development teams based on customer sentiments.
- Implemented strategies that positively impacted product ratings, demonstrating the effectiveness of sentiment analysis in driving product improvements.
- Contributed to increase in overall customer satisfaction scores by addressing key pain points identified through sentiment analysis.
- Integrated **Machine learning** algorithms to continuously improve the performance of sentiment analysis models over time using **Time Series Analysis**.
- Utilized tools like **Tableau & Power BI** to create visually compelling reports for stakeholders.

Nov 2023 – Dec 2023

Top 1000 youtubers Analysis – Competition Conducted by Onyx Data

- Compiled a comprehensive dataset of the top 1000 YouTubers, gathering key metrics such as subscriber count, view counts, and engagement rates.
- Connected Power BI with **MySQL, Excel**. Performed data transformation in **Power Query**.
- Implemented **DAX** (Data Analysis Expressions) formulas in Power BI to derive meaningful insights from raw data.
- Conducted in-depth competitive analysis, comparing performance metrics across the top 1000 YouTubers, and identifying trends and **outliers**.

Nov 2023 - Dec 2023

London tactical crime Analysis – Competition Conducted by FP20 Analytics

- Integrated diverse datasets from multiple sources, including crime reports, geographic information systems (GIS), and demographic data into **Power BI**.
- Utilized Power BI's mapping capabilities to visually identify crime hotspots across different London boroughs.
- Conducted temporal analysis of crime data to identify patterns and trends over specific time periods.
- Defined and tracked key performance indicators (**KPI**) for crime reduction efforts, showcasing the impact of tactical interventions.

Other Activities

- Helped set up tents & food for children's.
- Facilitated educational sessions as a volunteer instructor, delivering classes to students on the topic of global warming.