

# Sunny Saw

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 @sunnyysaw

Portfolio 

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## EDUCATION

Bachelor of Computer Engineering, DY Patil University, Navi Mumbai	(2024)
Higher Secondary Certificate, SIES College, Mumbai	(2020)
Secondary School Certificate, Adarsha Vidyalaya, Mumbai	(2018)

## CAREER SUMMARY

Passionate and aspiring data enthusiast with a keen interest in exploring various domains within the data landscape. Possessing strong skills in Data Analytics, Data Science, Python, and SQL. Eager to leverage theoretical knowledge and hands-on experience to contribute effectively to dynamic teams and drive impactful insights, even without prior industry experience.

## PROJECTS

### Multilingual-TTS (Text to Speech Translator):

(Jan '24- May '24)

Developed a multilingual text-to-speech system using the Bark model, a transformer-based TTS architecture, supporting multiple languages including Hindi, English, French, etc. Leveraged advanced machine learning techniques to generate natural-sounding speech, enhancing communication accessibility across diverse linguistic contexts.

### Plant Leaf Disease Detection using ResNet:

(Jun '23-Nov'23)

Created a plant leaf detection system utilizing convolutional neural networks (CNN), specifically ResNet. Trained the model with a diverse dataset of plant leaf images, implementing image segmentation for accurate leaf identification. Leveraged TensorFlow or PyTorch for model training and evaluation.

### Data Exploratory Analysis using world\_layoffs Dataset (MySQL):

Comprehensive data analysis on global layoffs to identify layoff trends by company, industry, country, and year. Utilized advanced SQL techniques like window functions and rolling sums to provide insights on workforce reductions and economic impacts.

### Data Professional Survey Breakdown (PowerBI):

Analyzed data from 630 survey respondents, visualizing average salary by job title, gender, and favorite programming languages. The dashboard also provided insights into work-life balance and job satisfaction for roles like Data Scientist, Data Engineer, etc. supporting decision-making with interactive visualizations.

### Analysis of Airbnb Homestay Listings: Trends and Insights (Tableau):

Created an interactive Tableau dashboard analyzing real estate data by zipcode, bedroom count, and time. Visualized key insights, such as the highest average prices by zipcode and bedroom type, and tracked revenue trends over the year, providing a comprehensive view of property pricing and listing distribution.

## CERTIFICATIONS

IBM Data Science Professional Certificate

Google Data Analytics Professional Certificate

(Ongoing)

Entrepreneurship Essentials (Harvard Business School Online)

Business Analytics & Sustainable Business Strategy (Harvard Business School Online)

## SKILLS AND TECHNOLOGIES:

Data Visualization, Data Wrangling, Data & Statistical Analysis, Machine Learning, Problem-Solving, EDA

Python, C, Java, SQL, Excel, Power BI, Tableau, Git, Github, Jupyter Notebook, PyCharm, VS Code, BigQuery