# Sarvesh Sawant

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# Projects

**Disease-Predictor** *| Python3, ML, TensorFlow* **Jan 2025 – Feb 2025**

* Developed and deployed a disease predictor app on Streamlit utilizing the MobileNetV2 model to analyze medical images (chest X-rays, eye scans, skin blisters) for early disease detection.
* Integrated four specialized models to simultaneously predict the likelihood of tuberculosis, pneumonia, retina OCT abnormalities, and skin cancer from user-uploaded images.
* Designed an intuitive user interface for seamless image upload and real-time disease prediction with confidence scores.
* Enhanced diagnostic accessibility by providing instant, multi-disease screening capabilities for improved healthcare decision-making.
* Link: <https://diseasechecker-6nrsuzgm8plxufkh4mhfvq.streamlit.app/>

**Facial Recognition and Emotion Detector** *| Python3, ML, MediaPipe, GeminiAPI*  **Jan 2025**

* Developed a Face Verification and Emotion Analysis App using Python, Streamlit, and DeepFace for real-time facial recognition and emotion detection.
* Integrated MediaPipe for hand gesture and head movement analysis, providing comprehensive behavioral insights.
* Utilized Gemini API to generate detailed behavioral reports and actionable recommendations based on analyzed data.
* Designed an intuitive user interface for seamless navigation between face verification, emotion analysis, and report generation.
* Link: <https://emotion-detector-analysis.streamlit.app/>

**Netflix Sales Analysis Dashboard** *| Tableau, Excel, Tableau Prep Builder*  **August 2024**

* Designed and developed a comprehensive Netflix sales analysis dashboard using Tableau, Excel, and Tableau prep to visualize key metrics such as revenue, subscription, content performance.
* Cleaned and transformed raw sales data using Tableau Prep and excel, ensuring accuracy and consistency for analysis.
* Created interactive visualizations, including trend analysis, regional sales breakdowns, and content genre performance, to provide actionable insights for decision-making.
* Enabled stakeholders to monitor sales performance dynamically, identify growth opportunities, and optimize content strategies through user-friendly dashboards.

# Certificates

**Complete Machine Learning and Data Science Program July 2024**

*GeeksForGeeks*

**Database Management System March 2023**

*NPTEL*

**Data Structures and Algorithms May 2024**

*GeeksForGeeks*

**R programming March 2024**

*Coursera – John Hopkins University*

# Technical Skills

**Languages:** Python, Java, R, C++, SQL

**Technologies/Frameworks**: Tableau, Power Bi, Machine Learning, Git, Streamlit, Excel

**Skills**: Data Structures and Algorithms, SQL, Problem-Solving, Teamwork, Quick Learner

# Education

**Lovely Professional University Punjab** **2022 – 2026**

*Computer Science and Engineering — CGPA: 8.05 Jalandhar, Punjab*

**Rao Junior College of Science** **2019-2021**

*12th with Science — Percentage: 95.80% Mumbai, Maharashtra*

**St. Xavier’s High School** **2018-2019**

*10th — Percentage: 84.00% Mumbai, Maharashtra*