

DIVYA V

DATA ANALYTICS

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<https://github.com/divii15?tab=repositories>

SUMMARY

Highly motivated and detail-oriented Data Analytics enthusiast with a solid foundation in statistics, data Visualization, and analytical tools. Proficient in using Excel, SQL, Python and data visualization tools like power BI to collect, clean, analyze and interpret data for actionable insights. Strong understanding of data-driven decision-making and reporting. Passionate about solving real-world problems through data and eager to contribute to a dynamic analytics team.

TECHNICAL SKILLS

Power BI	Html
Python	Css
Excel	Sql

EDUCATION

Bachelor of Technology (B.TECH)

Anna University
2020 - 2024

12TH Sri Vasavi Vidhyalaya Matric Hr.Sec.School

2019 - 2020

10th National Matriculation School

2017 - 2018

PROJECT

Title : Exploring methods to combine ultrasound endoscopic images for improved diagnostic precision

Objective :

Developed an integrated imaging approach to improve diagnostic accuracy by combining internal (ultrasound) and surface (endoscopic) visual data, providing clearer and more comprehensive insights during medical examinations.

Description:

- **Image Fusion & Enhancement** : Designed and implemented algorithms to merge ultrasound and endoscopic images, enhancing overall image clarity and anatomical detail.
- **Real - Time Integration**: Enabled dynamic, real-time fusion of imaging data during endoscopic procedures to support intraoperative decision-making.

- **Anatomical Visualization:** Enhanced the visualization of complex or obscured anatomical structures by integrating complementary imaging modalities.
- **Workflow Optimization:** Streamlined diagnostic workflows by providing clinicians with a unified imaging interface, reducing procedure time and improving efficiency.

Project 2

Title : Healthcare Data Visualization Project

Tools : Power BI, Python, Excel, DAX

Objective :

Built a Power BI dashboard to analyze patient demographics, disease trends, and hospital resource usage.

Description:

- Combined patient, diagnostic, and treatment data from multiple systems into a unified power BI model
- Implemented DAX calculations for patient outcomes, readmission rates, and treatment success ratios.
- Developed interactive visuals for real-time tracking of hospital KPIs.

CERTIFICATION

Completed the “DATA ANALYTICS” course at Oranium Tech

LANGUAGES

- English
- Tamil

DECLARATION

I hereby confirm that all the information given above is true to the best of my knowledge and belief.

Place :

Date :

Signature