

# INTERNSHIP PORTFOLIO

DATA SCIENTIST

12TH APRIL - 31ST AUGUST

ELIXIR.AI

SHREYA



# ABOUT



# ELIXIR.AI

Empowering Enterprises with  
Intelligent Solutions

<http://>



- Financial Services
- Manufacturing
- Consumer Goods & Retail
- Government
- Healthcare
- Automative

They are a boutique analytics firm with over 50 years of combined industry experience, specializing in delivering innovative and mission-critical solutions to government entities and leading private firms. Their expert team, comprising developers, architects, data engineers, and scientists, provides scalable solutions with minimal turnaround time. As an Indian Government-approved vendor, they leverage global expertise to address domestic market needs efficiently



## TASK ROLE PERCENTAGE



### DATA VISUALIZATION USING POWER BI



### DATABASE / MYSQL



### WEB SCRAPPING



### ADVANCE EXCEL



### DATA ANALYSIS



### PYTHON



### DATA PREPROCESSING / DATA CLEANING



### DEFINING KPIs / DATA POINTS



## PROJECT ASSIGNED -01

HEALTH CARE



Prashanti Cancer Care Mission  
Reaching out with excellence

- This was a Prashanti Cancer Care Mission Live Project, involving real-world data from PCCM's patient records. The project dealt with cleaning and preparing the data for analysis, developing a database schema, and creating interactive visualizations in Power BI. In addition, data extraction from image files was automated using Python libraries like PyTesseract, ensuring that all patient data was well-organized and ready for analytical insight
- Developed interactive Power BI dashboards for the Prashanti Cancer Care Mission, identifying key performance indicators (KPIs) and presenting actionable insights.
- Created dynamic visual reports that enabled stakeholders to track performance metrics and improve operational strategies

## DETAILED TASK



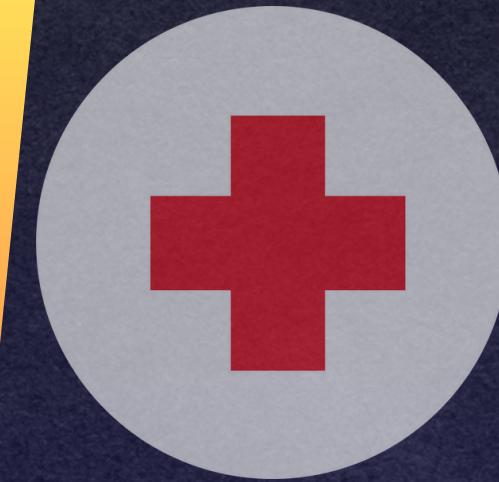
### AUTOMATION & EFFICIENCY IMPROVEMENTS

**Automated repetitive data collection and cleaning using Python and Excel VBA, reducing manual intervention and improving data accuracy**



### IMAGE DATA EXTRACTION

Used Python and the Tesseract library to extract text from images (patient records) automate data extraction from PDFs and consolidate the extracted information into Excel files



### DATABASE DESIGN

Mapped key data points, establishing relationships between tables using MySQL, with primary and foreign keys defined for better data management and integrity

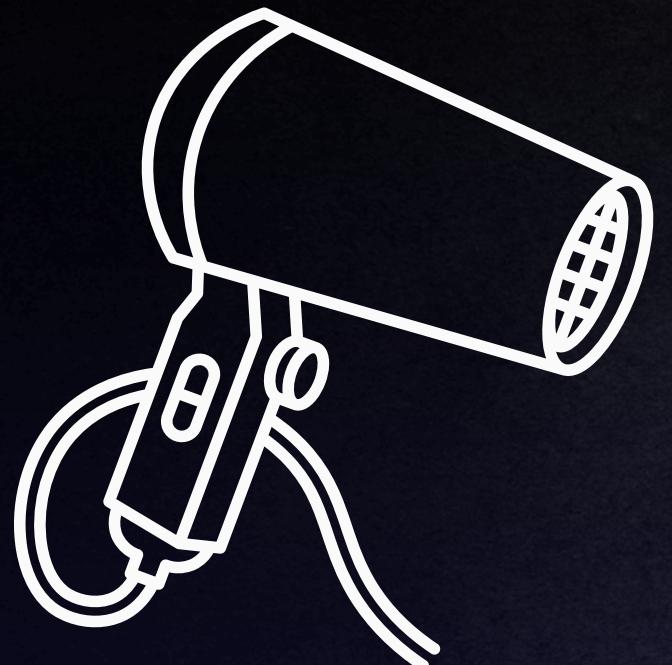


### POWER BI DASHBOARD

Designed an interactive dashboard using Power BI, providing a detailed analysis of breast cancer surgeries, including surgery volumes across different hospitals, trends over the years, and distribution of surgery types



## PROJECT ASSIGNED-02



C O N S U M E R  
G O O D S & R E T A I L S

This was a IFB - Indian Fine Blanks Limited, project focused on web scraping and data organization. The project involved gathering and structuring customer data from various residential societies and buildings of Delhi & Hyderabad region, with the aim of providing valuable insights into customer behaviour. The data collected was used for internal analytics and sales optimization

## DETAILED TASK

### DATA CATEGORIZATION IN EXCEL FILE

Organized the scraped data into Excel files, categorizing the information based on society and purchase behaviour. This categorization allowed the company to better understand customer purchasing patterns and tailor their sales efforts accordingly



### WEB SCRAPPING

Gathered customer data from societies and buildings in Delhi NCR, focusing on the number of purchases made by each customer. The data collection was automated through web scraping techniques, enabling efficient data acquisition





# CERTIFICATE OF INTERNSHIP

This Internship Program Certificate is proudly  
awarded to

**SHREYA**

For recognition of his excellent performance during his "Internship in Data Scientist" from 12<sup>th</sup> April 2024 to 31<sup>st</sup> August 2024. We wish her all the best for her future endeavors.

A handwritten signature in black ink, appearing to read "Chiraag Khemani".

Chiraag Khemani  
**CHIEF OPERATING OFFICER**

**ELIXIR.AI**

Date: September 16, 2024

Subject: Recommendation Letter for Shreya

To Whom It May Concern,

I am writing to provide a strong recommendation for Shreya in regards to her work and technical skills. Having had the pleasure of working closely with her for several months, I can confidently attest to her exceptional qualities and potential for success.

Shreya has consistently displayed a remarkable level of dedication, motivation, and intellectual curiosity throughout her tenure here at Elixir AI and has engaged well in tasks assigned to her and completed them on time and with perfection. She also possesses fantastic knowledge in subjects such as Business Intelligence tools Power BI and Tableau, Python, Machine Learning and Advanced Excel.

I would definitely recommend Shreya for your esteemed organization, confident that she will make the most of the opportunities presented to her.

Regards,



Chiraag Khemani

Chief Operating Officer, Elixir AI





Mumbai

# CONNECT

Available for:

**Business Analyst | Data Scientist | Analytics**  
**Hire | Work Together**



**Github**



**linkedin**



**shreyashreya2709@gmail.com**