# **HEMALATHA S**





ACADEMIC PROFILE			
PGDM – Business Analytics	7.50 CGPA	Jagdish Sheth School of Management, Bengaluru	2025
B.Com – Corporate Secretaryship	77.90%	PSG College of Arts & Science, Coimbatore	2023
Class XII (CBSE)	93%	Sri Seshaas International Public School, Salem	2020
Class X (CBSE)	71.2%	Sri Seshaas International Public School, Salem	2018

#### **AREAS OF STUDY**

Analytics on Cloud, Data Pre-processing for Analytics, Cloud Computing for Business Value, Unstructured Data Analytics.

INTERNSHIP 2 Months

Business Requirements Analysis, Business Data Visualization, Database Management Systems, Business Forecasting, Big Data

#### Ozibook, Bengaluru

#### **Business Analyst Intern**

Jun 1 - Jul 31, 2024

- Reviewed and documented minutes of old business analyst meeting videos to understand company operations and responsibilities.
- Assigned to work with three clients: Karyam Finserv, Laughter Yoga, and Yogavijnana.
- Created Direct Message (DM) and Email templates for client communication.
- Developed Frequently Asked Questions (FAQs) for different pillars, including B2B and B2C.
- Designed a CD template.
- Created SMM captions for various platforms.

#### **ACADEMIC PROJECTS**

#### Analysis and Visualization of Psychological Intelligence

- Prepared a comprehensive report on 11th and 12th grade students' psychological intelligence for three educational institutions.
- Developed visualizations to represent degrees and career insights:
  - Gauge Charts
  - Tableau Bar Charts
  - Word Art

#### PCR Nursery: Innovative Solutions & Strategic Packaging

- Resolved delivery issues at PCR Nursery by investing in better packaging materials, resulting in a 20% reduction in transit damages.
- Implemented user-centric ideation and iterative prototyping.
- Contributed to a 15% increase in conversions.
- Achieved a 25% improvement in customer satisfaction scores.

#### Wi-Fi Connectivity Enhancement in Hostel

- Developed BRD and business planning document to resolve Wi-Fi connectivity issues in hostel black/grey areas.
- Conducted business analysis to identify pain points, define scope, and recommend connectivity improvements.
- Proposed optimal router placement using root cause analysis and performance enhancement strategies for reliable Wi-Fi coverage.

#### BCG's GenAl program on Forage

- Engaged in a job simulation focused on Al-powered financial chatbot development for BCG's GenAl Consulting team.
- Utilized Python programming skills, including pandas for data manipulation, to integrate and interpret complex financial data from 10-K and 10-Q reports.

#### Interactive Resume

- Created an interactive resume in Tableau, integrating a dashboard and story.
- Aligned and designed the resume layout using Figma for a cohesive presentation.

# Stock Price Prediction using Python

- Developed a stock price prediction model using ARIMA to forecast TCS (Tata Consultancy Services) stock prices.
- Imported historical stock data using the Yahoo Finance API for a two-year period, leveraging libraries like yfinance, pandas, and numpy.
- Utilized time series analysis, including Auto-Correlation Function (ACF) and Partial Auto-Correlation Function (PACF), to select appropriate ARIMA model parameters.
- Implemented ARIMA model using the statsmodels library for training and predicting future stock prices.
- Visualized the predicted and actual stock prices using matplotlib to compare model accuracy.

## **CERTIFICATIONS**

Agile Requirements FoundationsLinkedIn Learning2024Fundamentals of Business AnalysisStarweaver (Coursera)2024Agile AnalysisLinkedIn Learning2024Creating Dashboards and Storytelling with TableauUniversity of California, Davis (Coursera)2024

## **ACCOMPLISHMENTS**

# Competitions and Activities

- Selected as one of the top 10 groups out of over 60+ and invited to pitch our solution at the 29th Founders' Day of JAGSOM
- Awarded 2<sup>nd</sup> Prize in the Tamil Nadu State Trampoline Gymnastics Championship
- Achieved 1st place & won the Individual Championship at the 2021 Salem Sahodaya Meet
- Gained A Certificate in National Cadet Corps (NCC)

### **SKILLS**

BABOK, JIRA, Python, R, Tableau, Microsoft Excel, Machine Learning, SQL.