

# Aswathi P

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## SKILLS

Programming:	Python, SQL, R
Machine Learning:	Supervised & Unsupervised Learning, Classification, Regression, Clustering
Visualization:	Matplotlib, Seaborn, Tableau
Data Engineering:	Data Cleaning, Preprocessing, ETL
Cloud & Tools:	Git, Jupyter Notebook, MySQL, MongoDB
Soft Skills:	Problem-Solving, Teamwork, Adaptability, Rapid Learner, Consistent, Leadership Quality

## PROJECTS

<b>Thyroid Prediction Model:</b> Acquired hands-on experience in <b>Data Preprocessing, Feature Engineering, and Model Evaluation</b> within the domain of <b>Machine Learning</b> Designed and implemented a predictive model to identify thyroid disorders based on patient data leveraging advanced classification algorithms <b>Link:</b> <a href="https://colab.research.google.com/drive/1WZ2NUiZ-nUutg94ToyP7GukUYDJtjQd1#scrollTo=DRLhm47wqsyS">https://colab.research.google.com/drive/1WZ2NUiZ-nUutg94ToyP7GukUYDJtjQd1#scrollTo=DRLhm47wqsyS</a> <b>Result:</b> Average accuracy of approximately <b>90.1%</b> , contributing to early diagnosis and improved medical decision-making accuracy <b>Tech:</b> <b>Python, Machine Learning, Jupyter Notebook</b>	Aug' 2024
<b>Financial Market News Sentiment:</b> Gained expertise Developed proficiency in <b>Machine Learning</b> Algorithms, and performance assessment through practical implementation. Built an <b>NLP-based sentiment analysis model</b> using <b>TF-IDF &amp; XGBoost</b> . Extracted financial news data and classified sentiments to predict market trends. <b>Link:</b> <a href="https://github.com/aswathi603/Financial_Market_News_Sentiment_Project">https://github.com/aswathi603/Financial_Market_News_Sentiment_Project</a> <b>Result:</b> Attained an average accuracy of <b>80.12%</b> , aiding in sentiment-driven market trend analysis. around accuracy <b>Tech:</b> <b>Python, Machine Learning</b>	Jun' 2024 - Jul' 2024

## SUMMER TRAINING

<b>Geeks for Geeks   Data Structures &amp; Algorithms - Self Paced</b> Gained hands-on experience in <b>problem-solving, optimizing code efficiency</b> Tackling <b>Real-world coding challenges</b> on platforms like <b>Leetcode and GeeksforGeeks</b> .	Apr' 2024 – Jul' 2024
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## CERTIFICATES

Machine Learning   <b>NPTEL</b>	Jul-Oct' 2024
R Programming (The John Hopkins University)   <b>Coursera</b>	Apr' 2024
Excel Skills for Data Analytics and Visualization Specialization   <b>Coursera</b>	Mar'2024

## EXTRACURRICULAR ACTIVITIES

<b>Ace Case Competition   Participation Certificate:</b> Engaged in a case competition that challenged problem-solving and analytical skills in a team setting	Sep' 2023
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## EDUCATION

<b>Lovely Professional University</b> Bachelor of Technology Computer Science and Engineering; CGPA: 7.49	Phagwara, Punjab Aug' 2022 – Present
<b>Kendriya Vidyalaya No-2 Ferozepur Cantt School</b> Intermediate PCM; Percentage: 80%	Ferozepur, Punjab Apr' 2019 – Mar' 2020
<b>Kendriya Vidyalaya No-2 Ferozepur Cantt School</b> Matriculation Percentage: 79.2%	Ferozepur, Punjab Apr' 2017 – Mar' 2018