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**Research Internship**

**Jyothir Raghavalu Bhogi**

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# Python, Data Science & Machine Learning Integrated Duration

*Cipher Schools*

* Gathered data sources starting with Mall\_Customers.csv (customer demographics, purchasing behavior).
* Ensured proper permissions for data use, emphasizing ethical collection practices.
* Suggested additional sources like transaction history, loyalty programs, and social media data.
* Defined preferred formats (CSV) and alternatives (Excel, JSON, SQL).
* Developed a predictive model to help Airbnb hosts set competitive, data-driven prices.
* Tech: Python, Pandas, Numpy, Matplotlib, SQL.

# Projects

Covid-19 Prediction Model: **Duration**

* Created a machine learning model to forecast the Covid-19 progression based on variables like active cases, mobility trends, and government interventions.
* Applied libraries such as Scikit-learn and Pandas for data processing and model training, ensuring reliable prediction accuracy
* Delivered valuable insights to assist public health decision-making and future trend forecasting.
* **Tech**: Python, Scikit-learn, Pandas

Movie Recommendation Using AIML: **Duration**

* ***Developed an AI-based movie recommendation system*** *using machine learning algorithms.*
* **Achieved 85% accuracy** in predicting user preferences based on viewing history.
* **Provided personalized movie suggestions** to enhance user experience.
* **Frameworks Used**: Python, Scikit-learn, Pandas, Numpy, Matplotlib.

# Research Papers

Covid-19 Prediction Model: **Duration**

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# Certificates

## Data Structures and Algorithms using C and C++ Duration

*-Coursera*

## Getting Started with AI and Machine Learning Duration

*- LinkedIn Learning*

# Technical Skills

**Languages** C++, Java, DSA,Python **Technologies/Frameworks**: HTML and CSS,Pandas,Numpy. **Skills**: Problem-Solving,Team player,Project Management.

# Education

**Lovely Professional University 2022 – 2026**

*Computer Science and Engineering Jalandhar, Punjab*

**Navya Jyothi Junior College 2020 – 2022**

*Intermediate: Percentage: 64% Jangareddigudem,Andhra Pradhesh*

**Vidya Vikas EM High school 2019 – 2020**

*10th CGPA: 10 Jangareddigudem,Andhra Pradhesh*