

# LENIN PRAKASH

*Data Scientist*



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## Skills

Python, Data Visualization, SQL, LLM, Machine Learning, NLP, Deep Learning, Selenium, Tableau, MongoDB, Hugging Face, Google Analytics, AWS Cloud, BeautifulSoup

## Education

**IIT-M Advanced Programming Professional & Master Data Science, IIT-M GUVI**  
Jan 2024 – Apr 2024 | Chennai

**Master Of Business Administration, IGNOU**  
Jun 2022 – present | Delhi

**Bachelor of Commerce with Computer Applications, IIT-M GUVI**  
Jun 2020 – Apr 2023 | Chennai

## Certificates

**AWS Certified Machine Learning Engineer** 

**Data Visualization In Python**  
Guvi

**Deep Learning Using Pytorch**  
Guvi

**Large Language Models: Application through Production**  
Databricks

## Profile

Experienced Data Process Executive with 1.4+ years, skilled in data analysis, and dedicated to extracting valuable business insights. Transitioning with a solid foundation in Data Science, Machine Learning, Natural Language Processing and Generative-AI committed to ongoing learning and applying advanced data science techniques to drive business growth. Eager to contribute to a dynamic team of data scientist with innovative solutions

## Projects

### CarDekho Vehicle Recommendation System,

Key Skills: Selenium, SQL, Recommendation Engine

- Built CarDekho Vehicle Price Recommendation System and used collaborative filtering technique
- Deployed to help the customer to get recommendation based on the price and automotive features
- **Scraped the real time data of 10,000 cars** from CarDekho and built a pipeline to convert unstructured data to structured data to **additionally create 25 features from raw data**
- **Achieved precision@10 score of 0.75**, indicating strong performance of machine learning model in recommending relevant items to users

### Smart House Price Prediction,

Key Skills: Tableau, Streamlit, EDA

- Developed machine learning model to accurately predict house prices in smart housing market
- Aimed to provide precise pricing estimates and optimize user experience for potential buyers and sellers
- Created interactive **data visualization dashboard using statistical technique** to analyze pricing trends
- Implemented machine learning algorithms and attained impressive **R-squared ( $R^2$ ) score of 0.85**, model indicating strong correlation between predicted and actual house prices

**Espn CricInfo Player Analysis**, Key Skills: Python, API, Data Cleaning, Data Visualization, Statistics

- Performed in-depth analysis of cricket players' performance using ESPNCricInfo data to identify key statistics
- **Collected and analyzed over 1500** international cricket players statistics from ESPN CricInfo database
- Utilized **advanced statistical techniques** and provided valuable insights into player performance metrics, such as **batting average, strike rate, bowling economy, wicket-taking ability**, and fielding efficiency for **past 15 years from 2009 to 2024**

## Professional Experience

**Data Process Executive, XYZ Insurance Ltd**

Jan 2022 – present | Chennai

- Produced reports and visualizations to convey findings to **takeholders for 200+ employees**.
- **Scrubbed and verified 25,000+ claim data** to ensure accuracy and completeness, **maintaining 100% adherence** to transaction processing timelines.
- Surpassed Statistical, Financial, and TAT metrics, **boosting project revenue by 300%**.
- Executed **claim processing with 100% precision** as per client agreement