

# HITIKA SAINI

## DATA SCIENTIST

### Summary

Data Scientist who leverages data analysis and machine learning techniques to extract valuable insights, solve complex problems, and make data-driven decisions. Well versed in python , sklearn , pandas and regression

### Experience

- 2022 - Present      Growth Natives Ltd.**  
Data Scientist, Mohali
- Designed and developed a generative AI system tailored specifically for the task of question answering in table-based scenarios. This system was built upon a foundational transformer-based large language model, which served as the core framework for generative AI.
  - Implemented a machine learning algorithm aimed at evaluating lead quality by generating a propensity score, which served as a predictive measure for the likelihood of leads converting into paying customers. Leveraged this propensity score to guide strategic business decisions and enhance the overall rate of lead-to-customer conversions.
  - Developed a Named Entity Recognition (NER) system tailored for parsing and extracting relevant information from resumes. The NER-based resume parsing system demonstrated high accuracy and efficiency in extracting structured information from resumes. It significantly reduced the time and effort. The utility of NLP and machine learning techniques helped in automating and enhancing HR workflows.

- 2021 - 2022      Semiconductor Laboratory (MeitY)**  
Data Science Intern, Mohali
- Developed a defect detection system using deep learning techniques that can reliably identify surface defects on semiconductor wafers, thereby reducing production costs, improving yield, and ensuring the delivery of high-quality semiconductor products to customers.

### Contact

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### Skills

Python	◆◆◆◆◆
Machine Learning	◆◆◆◆◆
Deep Learning	◆◆◆◆
MySQL	◆◆◆◆
Excel	◆◆◆◆
Data Analytics	◆◆◆◆◆

### Certifications

- 🏆 **Projects in Machine Learning : Beginner To Professional**
- 🏆 **The Complete Python Bootcamp From Zero to Hero in Python**
- 🏆 **Artificial Intelligence A-Z™**
- 🏆 **Machine Learning A-Z™**
- 🏆 **Feature Selection for Machine Learning**
- 🏆 **Feature Engineering for Machine Learning**

### Education

- 🎓 **BE - Computer Science**  
Thapar Institute of Engineering and Technology , Patiala