Siddharth Kamble

AI Scientist

Pune, IN

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EDUCATION

Pune University (Aug 2019 - Dec 2020)
Post Graduate Diploma in Product Design

Pune University (Jul 2015 - Jul 2018)
Bachelor of Engineering

SKILLS

Programming
Python, SQL

Databases
MySQL, MongoDB

Machine Learning Algorithms
Linear & Logistic Regression, KNN, SVM, Decision Tree, Random Forest, Ada-Boost, XGBoost, K means, Clustering, DBSCAN, PCA

Deep Learning
ANN, CNN, DNN, Neural Networks, Image Processing

Natural Language Processing
NLTK, TF-IDF, Word2Vec

Cloud Platform & Containers
AWS, AZURE, Docker, AMI

INTERESTS

Video Editing

Reading

Graphic Designer

Learning Languages

LANGUAGES

English

Japanese

Hindi

Marathi

- 3.5 years of Experience in industry, where around 3 years of Experience as a Data Scientist using ML Algorithms and Computer Vision.
- Working Experience & Extensive knowledge in Python with libraries such as Sklearn, PyTorch, Pandas, Matplotlib, Seaborn, Flask, Power BI.

WORK EXPERIENCE

HCL (S. Technologies), Bengaluru (Jan 2023 - Present)
AI Scientist

- Developed machine learning models to analyze data, detect objects, and make predictions to help the business optimize processes and make data-driven decisions.
- Implemented a price elasticity prediction model, resulting in a notable 2-3% revenue increase by helping client to optimize pricing strategies.
- Built a CV model using YOLO to detect product placements in livestreams with over 95% accuracy across 200 streams, enabling the client to assess performance of their marketing campaigns and gain insights.
- Stayed up to date on emerging AI technologies and best practices to identify areas for model optimization and improvement

Gestamp Automotive India, Pune (Dec 2020 - Jan 2023)
Jr. Specialist

- Build natural language processing and text mining systems to analyze customer feedback data and identify root causes of quality issues
- Identified areas for design and process improvements to reduce customer complaints by 15% to 20%.
- Analyze large amounts of data to identify trends, patterns and outliers that impact part quality

Bharat Electronics Limited, Pune (Aug 2018 - Aug 2019)
Graduate Apprentice

PROJECTS

Price Elasticity of Demand Prediction
Developed a price elasticity prediction model to optimize pricing strategies.
AWS Glue, S3, SageMaker, AWS Elastic Beanstalk

Product Advertising Analysis using Computer Vision
Detecting Products in Twitch Streams using Computer Vision for checking Sponsorships in Livestreams.
OpenCV, Databricks, PyTorch, Apache Spark(PySpark)

Analyzing Stamped Parts Feedback with NLP
Analyzing feedback on stamped parts via NLP/text analytics to provide data-driven insights to reduce issues, target improvements and minimize complaints.
Topic Modeling, NLTK

Predictive Model for Sheet Metal Coil Grading based on Formability for Stamping
Developed machine learning model to predict sheet metal coil formability and classify coils. Improved part quality, higher yields and minimized waste due to better coil matching.