

Disha Balpande

Data Scientist | Data Analyst

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SUMMARY

- 1.5+ year experience in **Data Scientist**. I am looking to leverage my strong data science skills to help businesses become more profitable. Capable of creating, developing, and testing highly adaptive diverse services to translate business problems into substantial deliverables.

SKILLS & TECHNOLOGIES

- Programming** : Python, SQL
- Machine Learning** : Statistics, Linear Regression, Logistic Regression, Ensemble Technique, Clustering, PCA, SVM
- Deep Learning/Computer Vision** : Tensorflow, keras, ANN, CNN, Vgg, Resnet, Mobilenet, SSD
- DataBase** : MongoDB
- Development Tools** : Flask
- Cloud Platform** : GCP , Azure
- Visualization Tools** : PowerBI
- Data Engineering Skills** : BigQuery, Elastic Search , Data Warehouse, Airflow, Kubernetes

WORK EXPERIENCE

Data Scientist

October 21- Present

DXC Technology, Bangalore

Roles & Responsibilities

- Actively Involved in daily standup calls and task assigned on GCP BigQuery.
- Analyze & Filtered number rows of data send by client in multiple Batches.
- Functional and Technical understanding of the BigQuery and Data Warehouse.
- Design of AutoML Solution on Azure Machine Learning Studio.
- Certified in Associate Cloud Engineer on Google Cloud Platform.

Data Science Intern

June 21 – Sep 21

iNeuron.ai , Bangalore

- Project** : Wafer Fault Detection
 - Overview**: In this project the main goal was to build a Machine Learning Model which predicts where a specific wafer needs to be replaced or not (I.e whether it is working or not) based on the inputs from various sensors.
 - Skills Stack**: Python, Machine Learning Algorithm , MongoDB , Flask

Data Science & Analyst Intern

Nov 20 - Dec 20

The Sparks Foundation, Bangalore

- Gathered, reviewed ,analyzed and implemented data requirement effectively by creating algorithm based on deep-dive statistical analysis & predictive data modelling.
- Deploying quantitative analysis and data visualization to present data. Design ,run and measure experiments to test business hypotheses. Insights generation against a recurring use case.

- Performed analysis on data and apply best practice of solving and effective.

Data Scientist Intern

Feb 20 - July 20

Cyronics Instruments Pvt. Ltd, Pune

Roles & Responsibilities

- Engaged in the development of Machine Learning project.
- Optimized & Pre-processed data before building a classification model
- Performed Feature engineering on data having multiple columns using Python libraries like NumPy, Pandas, Seaborn.
- Segmented data by creating Clusters using K-mean algorithm.
- Build and trained the model using Machine Learning Algorithm.
- Analyzed Model Prediction accuracy using Classification Reports, Confusion Matrix.

PROJECT

Hand Detection in shredder machine

Description : Shredder Machine is used to crush the heavy metals. If the hand crosses the safety limit it causes severe injury, it may lead to death in some cases. So in this project, main aim is to detect the hand crossing the safety limit of the shredder machine, whenever it crosses the safety limit, it turns off the machine and gives an alarm so that it helps in avoiding major accident.

Overview : Object detection with a neural network (SSD), pre-trained for Hand detection. involved in understanding the business problem, data collection, data cleaning, model building, and retraining the model.

Skill Stacks : Python, TensorFlow, Keras, cv2

EDUCATION

Centre for Modelling and Simulation, Savitribai Phule Pune University	2018 - 2020
Master of Technology (Data Science)	Pune, IN
Prof. Ram Meghe Institute of Technology and Research, Badnera-Amravati	2015 - 2018
Bachelor of Engineering (Information Technology)	Amravati, IN
Baburao Tidke College –Nagpur	2012-2014
Polytechnic - Diploma (Information Technology)	Nagpur, IN

CERTIFICATIONS

- Certified in Associate Cloud Engineer on Google Cloud Platform. March 2022

LANGUAGES

- English,Hindi,Marathi