BISWAJIT SAHU () Featured

Production Engineer seeking roles in Machine Learning, Data Science, Design Development, Deep Learning, Artificial Intelligence, Data Visualization, Network Analysis, Python.



Current Location: Bengaluru / Bangalore Total Experience: 0 Year(s) 0 Month(s)

Pref. Location: Bengaluru / Bangalore, Mumbai, Bhubaneshwar Highest Degree: B. Tech/B.E. [Mechanical Engineering]

Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: machine learning, data science, design development, deep learning, artificial intelligence, data visualization, network analysis, python,natural language processing,numpy,pandas,scikit learn,NLP,Image Processing,Neural

Networks, Statistical Modeling

Verified: Phone Number | Email - id

ID: Last Active: 31-Jan-20 Last Modified: 31-Jan-20

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Summary

A competent professional with 7 months of experience as Production Engineer (GET)

Possess comprehensive knowledge of Machine Learning Algorithms, learning On-model Development and Deep Learning technologies to develop prototypes and analytic models

Gained understanding of Research Design and Hypothesis Testing, Data Mining Techniques like GLM/Regression, Random Forest, Boosting, Trees, Text Mining and Social Network Analysis

Technical expertise in Artificial Intelligence (AI), Data Science, Machine Learning (ML), Basics of NLP, Python, NumPy, Pandas with hands-on exposure

Familiar with Data Visualization concepts using Matplotlib, Seaborn and Neural Networks

Participated, arranged and coordinated the entire workshop activities and delivered training on the technology of Mercedes-Benz to the colleagues at the college

Completed academic projects titled "Data Visualization" using Haberman Dataset, Quora Question Pairs, Donors Choose Dataset

Work Experience

APL Apollo Tube Ltd. as Production Engineer (GET) Apr 2018 to Oct 2018

Key Result Areas:

Worked on DFT Technology; used FIVES OTO Mill Technology

Supervised 3 mills as Floor Manager

Managed teams with 25 members across 3 mills

Met the production target of 100 tons in each mill Highlights:

Recognized for achievement of the mill target by 100%

Achieved 500 tons per day production target against actual target 300 tons per day across 3 mills twice during the tenure

Education

UG: B.Tech/B.E. (Mechanical Engineering) from nalanda institute of technology in 2018

IT Skills

Skill Name	Version	Last Used	Experience
Python	3.0	2020	0 Year(s) 10 Month(s)
MACHINE LEARNING		2020	0 Year(s) 10 Month(s)
Data Science		2020	0 Year(s) 10 Month(s)
Deep learning		2020	0 Year(s) 10 Month(s)
Artificial intelligence		2020	0 Year(s) 10 Month(s)
NUMPY		2020	0 Year(s) 10 Month(s)
Pandas		2020	0 Year(s) 10 Month(s)
Scikit Learn		2020	0 Year(s) 10 Month(s)
Seaborn		2020	0 Year(s) 10 Month(s)

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				
Odia				

Projects

Project Title: Donors Choose Dataset

Client: Self Case Study

Nature of Employment: Full Time Duration: Nov 2019 - Jan 2020

Project Location: Bangalore Onsite / Offsite: Offsite

Role: Programmer Team Size: 1

Skill Used: Python, Data Science, Machine Learning, Artificial Intelligence, Natural Language Processing, Neural Networks Project Details: Description: The project focused on developing the Machine Learning model for DonorsChoose.org. The objective was to capture, how to increase project-screening consistency through multiple volunteers to enhance teacher experience and concentrate volunteer time on those projects that are in need of the most help.

Applied EDA, text pre-processing techniques such as stopwords removal, decontraction of the phrases including feature engineering techniques BoW, TF-IDF & implemented Logistic Regression, Decision Tree, KNN, Naive Bayes, SVM to find out the best accomplishing model using ROC-AUC performance evaluation metric.

Project Title: Quora Question Pairs

Client: Self Case Study

Nature of Employment: Full Time Duration: Jul 2019 - Oct 2019
Project Location: Bangalore Onsite / Offsite: Offsite

Role: Programmer Team Size: 1

Skill Used: Python, Data Science, Machine Learning, Natural Language Processing, Text Mining, Artificial Intelligence Role Description: Performed EDA and implemented BoW and TF-IDF for the feature engineering task. Employed SVM, XGBoost, Logistic Regression ML algorithms and observed XGBoost yielding good results for the Log-Loss performance metric.

Project Details: Description: The report includes a deep analysis of finding a model using Machine Learning for Quora, which can deduct whether the asked question has been previously shared on the website or not. Performed EDA and implemented BoW and TF-IDF for the feature engineering task. Employed SVM, XGBoost, Logistic Regression ML algorithms and observed XGBoost yielding good results for the Log-Loss performance metric.

Project Title: Visualization with Haberman Dataset

Client: Self Case Study

Nature of Employment: Full Time Duration: Mar 2019 - Jun 2019

Project Location: Bangalore Onsite / Offsite: Offsite

Role: Programmer Team Size: 1

Skill Used: Python, Machine Learning, Data Science Role Description: Roles and Responsibilities:

Enacted EDA on the data. Concerning the outlier detection and visualization of the data distribution Box plot and violin plot

techniques are adopted for this project.

Project Details: Description:

The report includes cases from research conducted at Billings Hospital, the University of Chicago during 1958-1970 on the recovery of patients who have undertaken breast cancer surgery.

Enacted EDA on the data. Concerning the outlier detection and visualization of the data distribution Box plot and violin plot techniques are adopted for this project.

Affirmative Action

Work Authorization

Category: General Job Type: Permanent

Physically Challenged: No Employment Status: Full time