

Izhar Sami



Intermediate experience in python committed to maintaining cutting edge technical skills and aspiring Data Scientist with executing data-driven solutions to increase efficiency, accuracy, and utility of internal data processing. Experienced at creating data regression models, using predictive data modelling, and analyzing data mining algorithms to deliver insights and implement action-oriented solutions to complex business problems.

Project

1. Risk Analysis

- **OVERVIEW:** This project aims to develop a basic understanding of risk analytics in banking and financial services and understand how data is used to minimise the risk of losing money while lending to customers
- **TECHNOLOGIES USED:** Python, EDA, Data Visualization, Data Cleaning
- **LIBRARIES USED:** Pandas, NumPy, Seaborn, Matplotlib

2. Sentiment Analysis

- **OVERVIEW:** This project aims to computationally identifying and categorizing opinions expressed in a piece of text, especially in order to determine whether the writer's attitude towards a particular topic, product, etc. is positive, negative, or neutral.
- **TECHNOLOGIES USED:** Python, Text classification, SVM, Random Forest, Bag of words, TF-IDF features, XG-Boost
- **LIBRARIES USED:** NLTK, NumPy, Pandas

3. Object identification

- **OVERVIEW:** This project aims to identify the different objects.
- **TECHNOLOGIES USED:** Python, EDA, Feature Engineering, Feature Selection, Model Selection (XGBoost, SVC, Random Forest, Logistic Regression, KNN, AdaBoost)
- **LIBRARIES USED:** Pandas, NumPy, Seaborn, Matplotlib

Organization Experience

Sysark Datasol Pvt.Ltd.	
AS Data Scientist	NOV 2018 TO PRESENT

Lead a team of Data Scientist on delivering Machine Learning and Deep Learning use case.

Identified business problems in Banking domain

Solved business problems using Machine Learning, Deep Learning and

Natural Language Processing

- Used advanced Pre-Trained models
 - Handled various projects in the domain of Text Classification, Clustering
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Image Classification, Image Generation using Generative Adversarial Networks and Auto Encoders

Worked in building conversational AI, chat bots

Collected, studied, performed Exploratory Data Analysis and interpreted large datasets

Collaborated with different teams for modelling their business ideas

Analyzed large datasets for model improvement through sampling.

GOAL INDIA CORPORATION – Ghaziabad (U.P)

AS TECHNICAL SALES ENGINEER

APRIL 2018 TO AUG 2018

Company Profile:

Goal India Corporation manufacturer of high-quality web offset printing press has elevated the standard of excellence by offering quality products.

JSB GRAPHICS PVT. LTD. – Ghaziabad (U.P)

AS TECHNICAL SALES ENGINEER

AUG 2016 TO MAR 2018

Company Profile:

JSB Graphics Pvt. Ltd. is a privately owned company engaged in manufacturing web offset printing machines with the aim of achieving its production target with efficiency and with strict adherence with the deadlines.

Education

DEGREE	DESCIPLINE	SCHOOL/UNIVERSITY	AGGREGARE%/SGPA	YEAR
M.Tech	Energy science	Jamia Millia Islamia	9.08	2020
B. Tech	Mechanical engineering	AKTU	70.9	2016
12 th	Science	BSEB	73.8	2012
10 th	General	BSEB	62	2008

Programming and Software Skills

- Deep learning/Machine Learning/Natural Language Processing-TensorFlow, Keras, scikit Learn
 - **Version Control-** GitHub
 - **Web frameworks** – Django, SQL
 - **Programming Languages:** Python, SQL
 - **Cloud Deployment-AWS**
 - **Business Intelligence Tool-**Power BI, Tableau
 - **Tools-** Jupyter Notebook, Spyder, Googlecolab, Pycharm
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Research work

1. Topic: Fuzzy modelling and parametric Optimization of Powder Mixed Electro Discharge Machining by Using Taguchi Method for AISI 1046 Steel Research published on same topic at WWW.GLOBALJOURNAL.ASIA GJESR RESEARCH PAPER VOL.3 [ISSUE4] MAY 2016.
2. Fault Diagnosis of Photovoltaic Modules Using Thermography and Machine Learning Technique.

Certificate and Internship

1. Online Internship in data science from Internshala.
2. Full stack data science and AI from Naresh IT

I hereby declare that the above furnished details are true to the best of my knowledge and belief. Thank you for pursuing my personal information.

Date:

Place: Hyderabad

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