



MASIYUDDIN NASIRUDDIN KHAN


ASPIRING DATA ANALYST


CONTACT

masiyuddinkhan12@gmail.com 

8793821798 

Mumbai, India 

<https://www.linkedin.com/in/masiyuddin-khan-ucoc-383ba917a/> 

github.com/mynkhan123 

EDUCATION

Master of Science

Mathematics

Shridhar University

June 2011 - September 2013

Rajasthan

Bachelors of Science

Mathematics

Vartak College

June 2008 - May 2011

Mumbai University

SKILLS

Language:- Python, Scikit-Learn, Pandas, Numpy, Jupyter, SQL, Scala, Julia

Visualizations:- Tableau, Power BI, Seaborn, Matplotlib.

Statistics \ ML:- EDA, A/B, Linear regression, Logistic regression

NLP

CERTIFICATIONS

Creating New BigQuery Datasets and Visualizing Insights

Nov 2022

Data Analyst with Python on Data Camp

Oct 2022

Exploring and Preparing your Data with BigQuery

Oct 2022

Data Scientist with Python on Data Camp

Oct 2022

AWS Academy Graduate - AWS Academy Cloud Foundations

May 2022

AWS Academy Graduate - AWS Academy Data Analytics

Aug 2022

LANGUAGES

English

Hindi

Marathi

Urdu

WORK EXPERIENCE

Assistant professor

Universal College of Engineering

June 2013 - current / Vasai, Palghar

- Responsible for course design, conducting, presenting and documenting lecture
- tutorials and laboratory session in Probability, Statistics, Machine Learning, Mathematics
- Statistics for AIML and Data Engineering, Data Analytics and Visualization

PROJECTS

Analyzing Unicorn Companies

Domain:- Growth Of Industry

April 2022 - July 2022

- identifying the three best-performing industries based on the number of new unicorns created over the last three years (2019, 2020, and 2021) combined.
- Using Functions for Manipulating Data in PostgreSQL, Cleaning Data in PostgreSQL and Databases Intermediate SQL.

What Your Heart Rate Is Telling You

Domain:- Health System

April 2021 - December 2021

- Heart disease and potential risk factors.
- Converting diagnosis class into outcome variable.
- Identifying important clinical variables.
- Putting all three variables in one model.
- Extracting useful information from the model output.
- Predicted probabilities from our model.
- Model performance metrics.

Predicting Credit Card Approvals

Domain:- Banking

January 2021 - April 2021

- Making Machine Learning Model for Automatic Credit Card Approval.
- Identified Questions in Application forms which can be Pre-fill by external data sources in underwriting process for Insurance company.
- Fitting a logistic regression model to the train set.
- Making predictions and evaluating performance and Grid searching and making the model perform better.

Risk and Returns: The Sharpe Ratio

Domain:- Finance

- Plotting & summarize daily prices for Amazon and Facebook.
- Calculating Excess Returns for Amazon and Facebook vs. S&P 500.
- The Sharpe Ratio, Step 1: The Average Difference in Daily Returns Stocks vs S&P 500.
- The Sharpe Ratio, Step 2: Standard Deviation of the Return Difference.
- Using pandas to calculate and compare profitability and risk of different investments using the Sharpe Ratio.
- The Sharpe Ratio helps to make a decision by adjusting the returns by the differences in risk and allows an investor to compare investment opportunities on equal terms, that is, on an 'apples-to-apples' basis.

Analyzing Motorcycle Part Sales

Domain:- Sales

- Building up a query to find out how much net revenue they are generating across their product lines.
- Segregating by Date and Warehouse.
- Used Exploratory Data Analysis in SQL, PostgreSQL Summary Stats and Window Functions, Data-Driven Decision Making in SQL, Functions for Manipulating Data in PostgreSQL.