

# Hassan Shahid

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## SKILLS

- **Database :** SQL, Hive, Postgres SQL, MongoDB
- **Programming Language :** Python
- **Visualization :** Power BI, Tableau, MS Excel
- **Environment :** Visual Studio, Jupyter, Eclipse, SSMS, Spyder
- **Other Skill :** Airflow, MS Office, Uipath, Alteryx, SKlearn, Numpy, Pandas, Matplotlib

## PROFESSIONAL EXPERIENCES

**JS Bank Limited.**

**2017 – Present**

***Data Science Officer***

- **Year 2021 – Team Lead**
  - Single handedly developed the predictive model for Gold Financing using combination of multiple machine learning models and python libraries.
  - Being part of the team, performed data gathering, cleaning, feature extraction, etc. for Auto Loan predictive model.
  - Worked as a project manager in developing Personal Loan predictive model.
  - Developed Solar Panel predictive model using python libraries.
  - Performed detailed Prescriptive Analysis for Auto Loan, Personal Loan and Solar Panel predictive models.
  - Ran a detailed prescriptive analysis on Gold Finance Fraud case 2021 for Marketing Department.
  - Developed Digital Account opening (DAO) dashboard for Business Transformation Team.
- **Year 2020 – Project Manager**
  - Ran detailed Prescriptive Analysis and created business reports for:
    - Credit Card holders.
    - Internet and Mobile Banking Customers.
    - Admin Analytics for Admin Department.
    - Call Center Analytics for Call Center Department.
    - Risk Alert Analytics for Compliance Department.
    - Dormant Customers.
    - Gold Finance.
    - Data gathering, Data wrangling, research work for COVID predict the new COVID-positive.
- **Year 2019 – Data Scientist**
  - Developed Risk Alert dashboard for Compliance Department.
  - Developed Customer Profile dashboard for Marketing Department.
  - Developed Internet and Mobile banking dashboard for ADC Department.
  - Database Management Systems.
- **Year 2018 – Data Scientist**
  - Implementation of complete data Extraction, Transformation and Loading (ETL) framework using SQL Server Integration Service (SSIS).
  - Prepared a complete dataset for the Hadoop framework.
- **Year 2017 - Internship**
  - 2 months Internship from JS Bank.

## EDUCATION

Diploma in Big Data Analytics	IBA, Karachi	2020 – 2021
BBA (MIS)	University Of Sindh	2013 – 2016

## UNIVERSITY PROJECTS

- Data wrangling using Python
- Outlier Detection and removal
- Features Selection
- Predictive Model for Auto Loan.
- Developing interactive dashboards using Power BI

## CERTIFICATIONS/WORKSHOPS

- Introduction To Alteryx Designer (Udemy )
- Business intelligence and data analytics: Generate insights - Macquarie University, Australia
- Data Science using Python (36 Credit Hours) - Virtusoft.
- Scrum Master (Agile Training) – McKinsey.
- Machine Learning course for Data Science.
- Driven by Data – IBM