

# Hammad Raza

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## Experience

**Business Intelligence Analyst, Nov 2020 – Present**

Verge Mobile LLC | Work Hall, Avari Towers Karachi

- Worked with business teams to gain a rich understanding of their business, analytical, and reporting needs, including the identification of critical metrics.
- Performed detailed data analysis to determine the structure, content, and quality of the data through examination of source systems and data samples.
- Advanced experience with the DAX language including the manipulation of filter context, variables, and performance techniques.
- Involved in creation of various Business Intelligence/ Analytical Dashboards utilizing Power BI with global filters, calculated columns and measures using complex DAX calculations and transformations using Query Editor & Power Query Formula Language (M).
- Ad hoc Data Migration, Data Analysis.
- Verge Project: Created Python Tool for Updating Live data on daily basis from NetSuite by Web query file and developed live Power BI Dashboards for visualizing performance (MTD Goal, TATs, EOD Goals, Breakups, Audits).

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**Management Information System Analyst, Oct 2019 – Oct 2020**

Habib Bank Limited | Plaza, 9<sup>th</sup> Floor

- Automate Data Extraction and Data Analysis - (as per Stake Holders) of QMATIC data generate from HBL regional branches.
- Use analysis results to gain insights for Mysis reporting to Stakeholders.
- Developing dashboards for Key Performance Indicators.
- Initiated and managed process improvement and automation projects.
- Managed Mysis and Co-ordination with Stakeholders.
- Produced work stream plan, weekly progress reports and performed tasks to support on-time deliverable and process changes.
- HBL Project: Created Power Query Model for computing QMATIC Mysis for datasets of HBL Branches and development of Dynamic Dashboard for KPIs.

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**Financial Analyst, Nov 2018 – Oct 2019**

Akhtar & Hasan Actuaries | State Life Bldg. No 1, 3<sup>rd</sup> Floor

To measure the financial impact on company's balance sheet in accordance with International Accounting Standard No. 19 ("IAS 19") to help company manage its financial risk using Projected Unit Credit Method. As required under the International Accounting Standard No. 19 ("IAS 19"), process consist of computation of Present Value of Defined Benefit Obligation (actuarial liability) as well as benefit costs to be recognized in Profit and Loss (P&L) annually or semiannually for Funded and Unfunded schemes.

- AK Hasan Project: Deployment of Excel VBA model with the combination Power Query Model to Automate analysis of Current Liability and to forecast P&L cost as per IAS-19.

## Core Skills & Interest

- Business Analysis.
- Business Intelligence.
- Data Analysis.
- Dashboards.
- SQL (Data Camp Certified- 6 Certificates)
- Microsoft Office (Data Camp Certified)
- Power BI (DAX, Power Query, M Query)
- Advanced Excel (CFI and Data Camp Certif.)
- Knowledge of Python Programming and VBA

## Education

### SZABIST

**2020-2022** | Masters, Computer Science

- Database Systems (MS SQL).
- Research Methodology (TeXstudio, Zotero, LaTeX)
- Software Engineering-I (Visio)

### NED University of Engineering and Technology

**2020-2021** | Diploma, Big Data Analytics

- Databases. (ETL, **SQL**)
- Data Analytics. (Feature Engineering, Python)

### NED University of Engineering and Technology

**2014-2018** | Bachelors, Computational Finance (CGPA 3.13)

- Programming. (**SQL**, C++, Python)
- Data Structures and Algorithms.
- Financial Risk Management
- Computer Application in Finance. (MATLAB, Minitab, **SQL**)
- Econometrics.
- Statistical Inferences.
- Final Year Project: Created Fire Exposure Rating Model to forecast the Premium in Linear Trend for Insurance Industry.

## Certifications

### Data Camp

- Exploratory Data Analysis in SQL
- Data Analysis in Excel
- Data-Driven Decision Making in SQL
- Reporting in SQL
- Applying SQL to Real World Problems

### Tutorials Point Ltd.

- Excel VBA - Dynamic Modelling