# Maimoona Khilji

 MaimoonaKhilji | Maimoona-Khilji | Portfolio | maimoon.khilji@gmail.com | Maimoona.khilji | +92 323 8559694

## Objective

Data Scientist with 2+ years of expertise in training numerous machine learning models for prediction and forecasting. Passionate about turning big tedious data into valuable insights and interactive dashboards.

## Work Experience

Sep 2022 - Dec 2022     **Data Engineering Internee** | Bytewise Limited

- Developed Azure-based data solutions, improved data quality processes, and developed Big Data expertise for data science applications.

## Education

2019 - 2023     **Bachelors of Sciences in Data Science**     CGPA: 3.92 / 4.0
Institute of Management Sciences

**Relevant Coursework:** Data Mining, Exploratory Data Analysis and Visualization, Database Systems, Statistics, Big Data Programming, Pattern Recognition, Data Warehousing and BI, Artificial Intelligence.

## Projects

- **Classified oral squamous cell carcinoma in Python**
  - Analyzed Histopathological Image for Oral Squamous Cell Carcinoma classification, comparing VGG16, VGG19, and InceptionV3 models. Found VGG19 to outperform other algorithms.
- **Sentiment Analysis of YouTube Comments in Python**
  - Performed sentiment analysis on YouTube comments by scraping them using Selenium and conducting analysis with NLTK.
- **Absenteeism Rate Analysis in R**
  - Identified factors that were responsible for higher Absenteeism Rate. The top three reasons were medical consultation, dental consultation and physiotherapy.
- **Analysed Fitness tracker Products using Power BI**
  - It was discovered that Apple ranks highest in ratings, with Fitbit following closely behind.

## Technical Skills

| Python | R | SQL | Hadoop | Microsoft Power BI | Rapidminer |
|--------|---|-----|--------|--------------------|------------|

## Certificates

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| Databricks | Academy Accreditation - Databricks Lakehouse Fundamentals |
| Microsoft | Microsoft Certified: Azure Data Fundamentals |
| IBM | Big Data 101 |
| IBM | Databases and SQL for Data Science with Python |
| Deeplearning.ai | AI For Everyone |