

ZEHRA BATOOL

Data Science | Machine Learning

Malir , Karachi , Pakistan

(+92) 333-248-8249 . zehrabatool22006@gmail.com . [View my Portfolio](#) . [LinkedIn](#) . [Github](#)

CURRENT EDUCATION

NED University of Engineering and technology / B.E. in Software Engineering (**Expected Graduation** : 2026 , **CGPA** : 3.69)

- Won runner-up prize in inter department project competition in data science domain, Built a mood detection model in python to improve mental health.
- Proficient in SQL, NoSQL, and Relational Databases.
- Opted Data warehouse and data mining as elective course

PROFESSIONAL CERTIFICATION

Google / Advanced Data Analytics (**Completed** : November 2024) [View Certification](#)

- *Course # 01 Foundations of Data Science* : Learned art of communicating data results, PACE Framework.
- *Course # 02 Get Started with Python* :Revision of basic Python concepts(OOPS, Data Structures)
- *Course # 03 Go Beyond the Numbers*: Translate Data into Insights: Exploratory Data Analysis
- *Course # 04 The Power of Statistics*: A/B Testing, Hypothesis Testing, t-test. z_test
- *Course # 05 Regression Analysis*: Performed and evaluated Linear and Logistic Regression, ANOVA testing.
- *Course # 06 The Nuts and Bolts of Machine Learning* : Built, Evaluated and interpreted Machine Learning model
- *Course # 07 Capstone Project* : Combined Skills of all courses in one project

SKILLS

- | | | | |
|--|---|--|--|
| • Programming Language
Python | • Database
Postgresql, mysql | • Data Visualization
Tableau , PowerBI | • MS Excel |
| • Statistics
a/b testing , t_test , z_test | • Regression
Linear, Logistic , ANOVA , MANOVA | • Supervised ML
Naives bayes, Decision Tree, Random Forest , XGBoost | • Unsupervised ML
K-Means Clustering |
| • Data Communication
PACE Framework | • Exploratory Data Analysis
numpy , pandas, matplotlib, seaborn | | |

COURSES

- **Alex the Analyst Bootcamp** Basic Data analytics , EDA, Data Visualization
- **Meta** / Introduction to database [View Certification](#) mysql
- **Deep Learning AI** / Supervised Machine Learning [View Certification](#) Linear Logistic Regression , Classification

INTERESTS

- Journaling
- Learning new languages