



# MUHAMMAD FAWAD

## DATA ANALYST

An entry-level data analyst with strong skills in data analysis techniques and tools such as Tableau, Microsoft Excel, statistics, and programming languages such as R and SQL, adept at data collection, organization, and statistical analysis, eager to contribute to decision-making and continuously learn and grow in data analytics.

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## EDUCATION

### B.Sc Industrial Engineering

UET Peshawar

09/2017 - 09/2021

peshawar,pakistan,CGPA 3.05

#### Courses

- Time and Motion study
- Statistical Quality control
- Probability and Statistics
- operation Research
- Total Quality control
- production planning and control
- Project management

### F.Sc Pre-Engineering

Govt College Peshawar

04/2014 - 05/2016

peshawar,pakistan 75%

### Metric (Science group)

Ittefaq Model School and college peshawar

03/2013 - 04/2014

peshawar,pakistan 86%

## WORK EXPERIENCE

### Traineer Engineer

PAKISTAN RAILWAY LOCOMOTIVE FACTORY  
RISALPUR NOWSHERA

04/2023 - 12/2023

nowshera, pakistan

#### Achievements/Tasks

- Analyzing operations and designing workflows and production processes.
- Developing and implementing process improvements and technological upgrades
- Used data Analytics concept to improve Quality of an organization

### Trainee Engineer

DURR CERAMIC INDUSTRY PESHAWAR

07/2021 - 09/2021

peshawar,pakistan

#### Achievements/Tasks

- Reducing inefficiency and waste and ensuring quality control.
- Managing production schedules and coordinating services

### Event Manager

Institute of Industrial and systems engineers  
uet peshawar

07/2019 - 03/2020

peshawar pakistan

#### Achievements/Tasks

- Managing different programmes and meetings for extra curricular activities.

## SKILLS

Data Science

Tableau

R programming

SQL

Microsoft Excel

Time management

Project Management

Communication Skills

Data analytics

Probability and Statistics

Machine learning

## PERSONAL PROJECTS

FYP: Risk Analysis and Management of local industries through different industrial engineering and Data Analytics tools. (09/2020 - 09/2021)

- Utilized a multidisciplinary approach to enhance quality management and mitigate risks. • Utilized Excel, R programming, SQL, Tableau, SPSS, and Pareto charts for data organization, analysis, and visualization. • Tableau created interactive visualizations to uncover data patterns and trends. • Implemented Pareto charts to prioritize and address significant risks in local industries. • Gained practical experience in data analysis and risk management, honed problem-solving skills, and enhanced collaboration skills.

mini project :Mini project on "costing of cranke shaft"  
(05/2019 - 07/2019)

## ORGANIZATIONS

Institute Of Industrial&Systems Engineers,UET  
peshawar (04/2018 - 11/2019)

Event Manager

Institute Of Industrial&Systems Engineers,UET  
peshawar (09/2020 - 12/021)

Deputy Event Head

## CERTIFICATES

Project management professional (04/2023 - 09/2023)  
[coursera.org](https://www.coursera.org)

Google Data Analytics (06/2023 - 08/2023)  
[coursera.org](https://www.coursera.org)

Google Advanced Data Analytics (07/2023 - 12/2023)  
[coursera.org](https://www.coursera.org)

Excel Skills for Business (02/2023 - 03/2023)  
[Macquarie University australia](https://www.macquarie.edu.au)

SQL for Data Science (04/2023 - 05/2023)  
[University of California ,Davis](https://www.universityofcalifornia.edu)