Engr. Tariq Jamal

Data Scientist | Project Manager

Riyadh, Saudi Arabia(Transferable Iqama) engr.tariqjamal1990@gmail.com
Cell # +966501738415 https://www.linkedin.com/in/engr-tariq-jamal-0b601b93

PROFESSIONAL SUMMARY

Data Scientist and Project Manager with over 6 years of experience in developing AI-driven solutions in the education and healthcare sectors. Proven ability to lead data initiatives, manage cross-functional teams, and drive impactful decisions using ML, statistical analysis, and visualization tools. Currently pursuing a Ph.D. in Data Science with a focus on genomics and health informatics.

SKILLS

- Machine Learning & Predictive Modeling
- Project Management & Team Leadership
- Python, R, SQL, and Tableau
- Data Analysis & EDA
- Regression & Statistical Analysis
- Data Visualization & Storytelling

EXPERIENCE

Education Monitoring Authority, Mohmand - *Data Scientist*

JULY 2019 – JULY 2025

• Led end-to-end data analysis using Python to monitor education performance, resulting in data-informed decision-making across departments.

• Developed predictive models to reduce complaints by 8% and improve resource allocation.

• Spearheaded data visualization efforts for stakeholders, enhancing transparency and reporting quality.

• Co-managed a team of 16 and launched enrollment campaigns that led to a 6% YoY increase.

• Introduced process improvements to streamline workflows and boost team efficiency.

EDUCATION

Ph.D. in Computer Systems Engineering *(Specialization in Data Science)*
University of Engineering & Technology (UET), Peshawar (*March 2023 – Present)*

M.Sc. Data Science in Health and Social Care (Online)
The University of Edinburgh, Scotland (*September 2024 – Present)*

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

• Google Data Analytics Specialization
• Google Project Management Specialization
• Deep Learning Specialization – Coursera
• Deep Learning for Health Specialization
• Google Soft Skills Program
• Google Advanced Data Analytics Specialization
• Google Business Intelligence Specialization
• Health Informatics Specialization – Johns Hopkins University
• Genomics Specialization – Johns Hopkins University
• McKinsey & Company Forward Program

LANGUAGES

English (IELTS with overall 7 band score), Urdu, Pushto, Arabic (Basic)

8 Courses

Sep 14, 2024

Tariq Jamal

has successfully completed the online, non-credit Professional Certificate

Google Data Analytics

Those who earn the Google Data Analytics Professional Certificate have completed eight courses, developed by Google, that include hands-on, practice-based assessments and are designed to prepare them for introductory-level roles in Data Analytics. They are competent in tools and platforms including spreadsheets, SQL, Tableau, and R. They know how to prepare, process, analyze, and share data for thoughtful action.

- Foundations: Data, Data, Everywhere
- Ask Questions to Make Data-Driven Decisions
- Prepare Data for Exploration
- Process Data from Dirty to Clean
- Analyze Data to Answer Questions
- Share Data Through the Art of Visualization
- Data Analysis with R Programming
- Google Data Analytics Capstone: Complete a Case Study

Amanda Brophy
Global Director of Google Career Certificates

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at: https://coursera.org/verify/professional-cert/9ATIN5DOBOES

7 Courses

Feb 10, 2025

Tariq Jamal

has successfully completed the online, non-credit Professional Certificate

Google Advanced Data Analytics

Those who earn the Google Advanced Data Analytics Certificate have completed seven courses that include hands-on, practice-based assessments and are designed to prepare them for advanced roles in data analytics and entry-level roles in data science. They are competent in exploring large datasets, applying data analysis techniques, and building models to extract insights. They are also competent in machine learning, predictive modeling, and statistics.

- Foundations of Data Science
- Get Started with Python
- Go Beyond the Numbers: Translate Data into Insights
- The Power of Statistics
- Regression Analysis: Simplify Complex Data Relationships
- The Nuts and Bolts of Machine Learning
- Google Advanced Data Analytics Capstone

Amanda Brophy
Global Director of Google Career Certificates

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Verify this certificate at: https://coursera.org/verify/professional-cert/3BY0XFK0I26L

3 Courses

Foundations of Business Intelligence

The Path to Insights: Data Models and Pipelines

Decisions, Decisions: Dashboards and Reports

Mar 10, 2025

Tariq Jamal

has successfully completed the online, non-credit Professional Certificate

Google Business Intelligence

Those who earn the Google Business Intelligence Certificate have completed three courses that include hands-on, practice-based assessments and are designed to prepare them for entry-level roles in business intelligence. They are competent in creating processes that transform data into actionable insights to inform business decisions, developing data visualizations, and building dashboards that employ design best practices to meet stakeholder needs.

Amanda Brophy
Global Director of Google Career Certificates

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Verify this certificate at: https://coursera.org/verify/professional-cert/76BCQFITYPO

PAKISTAN FREELANCERS ASSOCIATION (PAFLA)

December 5, 2024

Tariq Jamal

has successfully completed

Google Soft Skills Program

an online course taught by Google and offered through Pakistan Freelancers Association (PAFLA).

This certificate was issued to PAFLA member **7130251403186038** on **December 5, 2024** and is valid till three years from the date of issuance.

Certificate of Completion

powered by Google

Ibrahim Amin
Tufail Ahmed Khan
Fahad Sheikh

Google

COURSE CERTIFICATE

Oct 9, 2024

Tariq Jamal

has successfully completed

Google AI Essentials

an online non-credit course authorized by Google and offered through Coursera

Amanda Brophy
Global Director of Google Career Certificates

Verify at:
https://coursera.org/verify/B7H16EPB751K
Coursera has confirmed the identity of this individual and their participation in the course.

coursera instructor network

COURSE CERTIFICATE

Dec 30, 2024

Tariq Jamal

has successfully completed

Introduction to Retrieval Augmented Generation (RAG)

an online non-credit course authorized by Coursera Instructor Network and offered through Coursera

Manas Dasgupta

Verify at:
https://coursera.org/verify/9OFQML0WLZV2
Coursera has confirmed the identity of this individual and their participation in the course.

Dec 27, 2023

Tariq Jamal

has successfully completed the online, non-credit Specialization

Machine Learning

Congratulations on completing all three courses of the Machine Learning Specialization! You studied modern machine learning concepts, including supervised learning (linear regression, logistic regression, neural networks, decision trees), unsupervised learning (clustering, anomaly detection), recommender systems, and reinforcement learning. You learned some of the best practices for building machine learning models. You've also gained practical skills to apply machine learning techniques to challenging real-world problems. Now #BreakIntoAI and start building your career in machine learning!

Andrew Ng, Instructor,
DeepLearning.AI

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:
https://coursera.org/verify/specialization/ZGFNH2EE6JPW

THE UNIVERSITY of EDINBURGH

COURSE CERTIFICATE

Feb 12, 2024

Tariq Jamal

has successfully completed

Data Science in Stratified Healthcare and Precision Medicine

an online non-credit course authorized by The University of Edinburgh and offered through Coursera

Dr Areti Manataki
School of Informatics
The University of Edinburgh

Dr Frances Wong
College of Science and Engineering
The University of Edinburgh

Verify at:
https://coursera.org/verify/LTHXCYPH235V

Coursera has confirmed the identity of this individual and their participation in the course.

بسم الله الرحمن الرحيم

University of Engineering & Technology
Peshawar, Pakistan

By virtue of the authority granted by Statutes, the University has conferred the degree of

Bachelor of Science

in

Computer Systems Engineering

upon

Tariq Jamal

son of Asal Khan

who is entitled to all rights and honours thereto appertaining,
this 26th day of February, Two Thousand and Fifteen

Registrar

Registration No. 09PWCSE0787

Vice Chancellor

بسم الله الرحمن الرحيم

University of Engineering & Technology
Peshawar, Pakistan

By virtue of the authority granted by Statutes, the University has conferred the degree of

Master of Science

in

Computer Systems Engineering

upon

Tariq Jamal

son of Asal Khan

who is entitled to all rights and honours thereto appertaining,
this 4th day of December, Two Thousand and Nineteen

Registrar

Registration No.09PWCSE0787

Vice Chancellor

IELTS

Test Report Form

ACADEMIC

NOTE *Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules.*
*GENERAL TRAINING Reading and Writing Modules are **not** designed to test the full range of language skills required for academic purposes.*
*It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed **after two years** from the date of the test.*
To find out more about IELTS, IELTS band scores and the CEFR levels, please visit ielts.org/scores

Centre Number	PK015	Date	19/JUL/2024	Candidate Number	502406

Candidate Details

Family Name	JAMAL
First Name(s)	TARIQ
Candidate ID	17101-2969437-9
UKVI Number	IEL/19072024/PK015/502406

Date of Birth	04/04/1990	Sex (M/F)	M	Scheme Code	Private Candidate

Country or Region of Origin	
Country of Nationality	PAKISTAN
First Language	URDU

Test Results

Listening	Reading	Writing	Speaking	Overall Band Score	CEFR Level
6.5	7.0	6.0	7.5	7.0	C1

Administrator Comments

Recognising organisations must verify this score at ielts.org/verify

Validation stamp

IELTS

Date	20/07/2024	Test Report Form Number	24PK502406JAMT015A

BRITISH COUNCIL idp CAMBRIDGE English

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