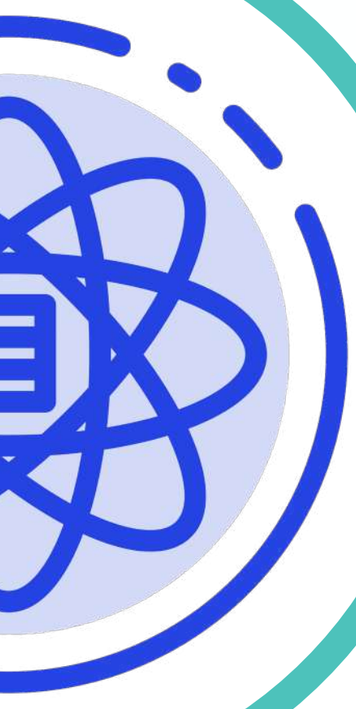
TEAM ACADEMY

Machine Learning and Data Science - Advanced



teamacademy.qa

TEAM ACADEMY

OUR ACHIEVEMENTS & ACCOLADES

1200+ STUDENTS GRADUATED SO FAR

500+ JOBS FAST TRACKED

TEAM ACADEMY

Comprehensive Curriculum, Expert Instructors

Hands-on Learning, Interactive Learning Environment

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Machine Learning and Data Science

COURSE FEATURES

Flexibility and Convenience

Support and Guidance & Industry-Relevant Skills

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ELIGIBILITY CRITERIA

- No prior experience required.
- Open to beginners and professionals interested in learning about machine learning and data science.
- Basic computer literacy and a strong interest in the field are recommended.

Course Benefits

- Career Advancement
- Practical Skills Application
- In-Demand Industry Relevance
- Data-Driven Decision Making

Tools Covered

- Keras,
- Numpay ,
- TensorFlow
- Google Cloud ML Engine
- PyTorch
- Amazon Machine Learning (AML)
- NET
- Apache Mahout
- Shogun
- Oryx2
- Apache Spark MLlib
- Google ML kit for Mobile

Team Academy Trainers have obtained the PMI- Authorized Training Partner- Instructor Badge which demonstrates the Quality and standards for training the students with the right approach and delivery methods.

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JOB OPPORTUNITIES

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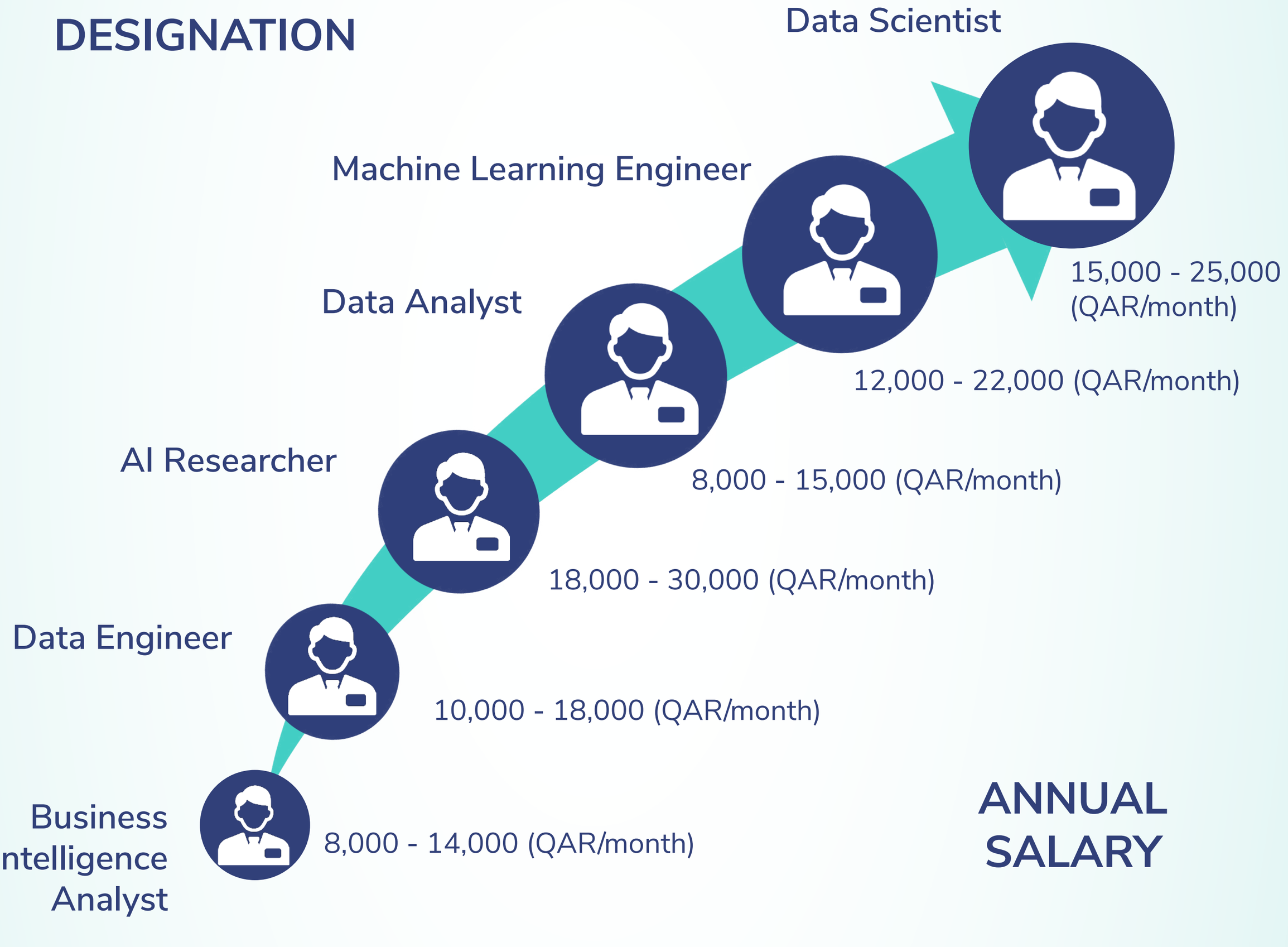
DESIGNATION



ANNUAL SALARY

HIRING COMPANIES

Team Academy Courses and all trainers are affiliated and authorized by the Internation Accredition Organization, an highest level Achievement in Quality and Standards.

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CERTIFICATION PATH

STEP 1

Assess eligibility criteria

STEP 2

Enroll in a comprehensive Machine Learning and Data Science

STEP 3

Attend training sessions conducted by experienced instructors

STEP 4

Study course materials and resources provided

STEP 5

Engage in practical exercises, case studies, and simulations

STEP 6

Take part in mock exams and practice tests.

STEP 7

Register and schedule certification exams.

STEP 8

Engage in focused exam preparation and revision.

STEP 9

Take the certification exams administered by the respective bodies.

Team Academy is an ISO 21001:2018 Certified organization – Quality standard for Educational Management System.

TEAM ACADEMY

PRINCIPAL, COUNSELOR & TRAINER

Dinesh R M

MBA, MCP, PMP

Project Management

Specialised in Planning, Integration, Analytics, quantitative & qualitative project management.

Program Management

Managing integration complexities & risks between large projects.

Enterprise Project Management System

Analytics & Reporting

Specialised in data gathering, analytics and representation.

Excellent Communication & Leadership

Present ideas, conduct conferences and mentor Sr.Management on Projects & Program management process

- Digital Transformation
- Social Media Empowerment
- Mobile App & API integration specialist
- Business Apps Customization
- Enterprise Application Support &
- Customization
- Document Management System Design

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DETAILED MODULE

Module 1 — Data science professional – Level 1

Data science professional – Level 2 — Module 2

Module 3 — Data science professional – Level 3

Machine learning Basics — Module 4

Module 5 — Machine learning tools

MODULE 1 : DATA SCIENCE PROFESSIONAL – LEVEL 1

- Analyze discrete data and structured data using Excel
- Apply descriptive and inferential statistical tools and techniques
- Summarize and represent data visually using graphs, charts, and pivot tables
- Write Python programs to do data analysis using Python libraries such as Pandas, NumPy

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MODULE 2 : DATA SCIENCE PROFESSIONAL – LEVEL 2

- Source, validate, clean, store and query data and perform data analysis
- Create data dashboards & amp; visualizations using Tableau
- Slice and dice data to generate hypotheses
- Use statistical tools to validate a hypothesis
- Create data and ML models for business forecasting and predictive analytics
- Apply story-telling techniques using data to engage with stakeholders and help in data-based business decision-making

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Team Academy is an ISO 14001 Certified organization which provide value for the environment, the organization and interested parties

MODULE 3 : DATA SCIENCE PROFESSIONAL – LEVEL 3

- Modelling data using machine learning tools and techniques
- Analyse unstructured textual data
- Construct, define and validate the ML models for supported / automated decision making
- Use NLP to do analysis on textual data
- Complete a project including ML modelling: Business understanding -> Data preparation -> Data Analysis -> Prepare ML model -> Deploy ML Model -> Demo & Present Insights

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Team Academy has Verified Achievement of 99.6 % success rate in the courses its offer

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MODULE 4 : MACHINE LEARNING BASICS

- Machine Learning Introduction
- Supervised Machine Learning
- Unsupervised Machine Learning
- Train Test Split
- Regression Analysis
- Linear Regression
- Logistic Regression
- KNN
- SVM
- Decision Tree
- Random Forest
- K Means Clustering
- GridSearch CV

CLICK TO VISIT OUR WEBSITE

Team Academy Achieved 5 Star Ratings in all Social platforms Which is publically accessible, This achievement demonstrates the focus and Quality we show and concern for our customers.

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MODULE 5 : MACHINE LEARNING TOOLS

- Keras,
- Numpay ,
- TensorFlow
- Google Cloud ML Engine
- PyTorch
- Amazon Machine Learning (AML)
- NET
- Apache Mahout
- Shogun
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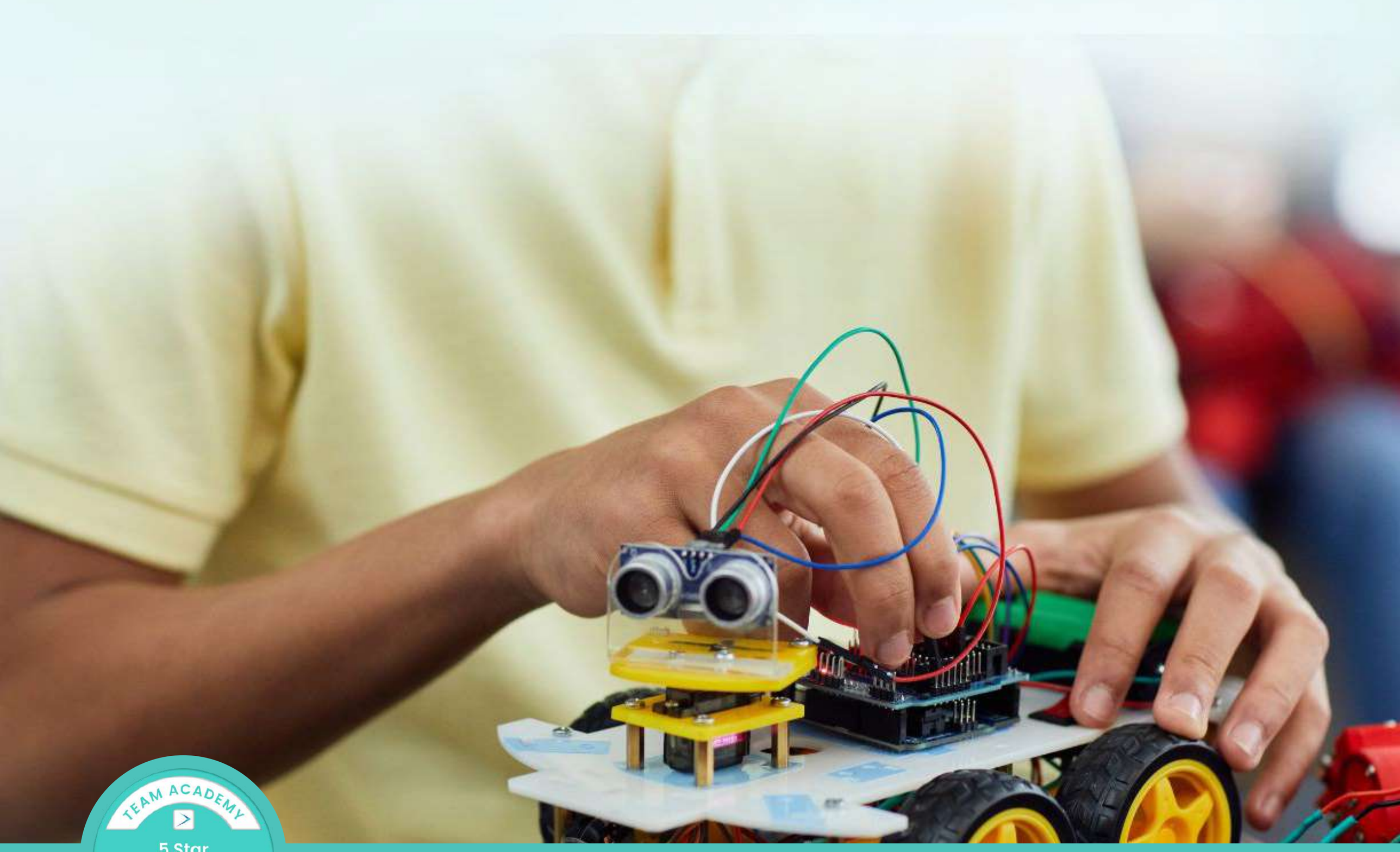
- Google ML kit for Mobile



5 Star Work Place Ratings 5.0

Team Academy Achieved 5 Star Workplace Rating, based on the evaluation of Ethics and Standards that we maintain.

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OTHER COURSES & RELATED SERVICES

MICROSOFT POWER BI

2 Months | 15 Hours

Weekdays or Weekend

Instructor Led Training

ORACLE PRIMAVERA

2 Months | 15 Hours

Weekdays or Weekend

Instructor Led Training

CERTIFIED FACILITIES MANAGER

2 Months | 15 Hours

Weekdays or Weekend

Instructor Led Training

PRINCE2

2 Months | 15 Hours

Weekdays or Weekend

Instructor Led Training

ITIL

2 Months | 15 Hours

Weekdays or Weekend

Instructor Led Training

MICROSOFT PROJECT CERTIFICATION

2 Months | 15 Hours

Weekdays or Weekend

Instructor Led Training

CLICK TO VISIT OUR WEBSITE

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TEAM ACADEMY

GOOGLE REVIEWS FROM CUSTOMERS

Neelagandan Ramu

Team Acadamy is a great institution and I fully enjoyed the entire course of PMP . Instructor had explained everything in detail and it made it easier for me and others to understand.

★★★★★ 5/5

Anmol P.B

This place is really one stop for getting all the knowledge you need to be proficient with Program Management which makes you be a better Project Manager and your first step towards PMP Certification. Highly recommend!!!

★★★★★ 5/5

Vinod T.S.

I would like to thank to Mr. Dinesh @ Team Academy; who made the PMP training more on the practical approach. He explained all the topics very well.

★★★★★ 5/5

Mohamed Rajas Hanifa

Professional, well communication and they are eager to help any individual to enhance professional skills.

★★★★★ 5/5

CLICK HERE TO VIEW ALL REVIEWS

TEAM ACADEMY

LEARNING MANAGEMENT

BANK ACCOUNT DETAILS: (INVOICES WILL BE GENERATED ELECTRONICALLY)

Bank Name	: QATAR ISLAMIC BANK
Branch Name	: GRAND HAMAD AVENUE, DOHA, Qatar, Corporate Branch
Swift Code	: QISBQAQAXXX
Benificiary Name	: Team Solutions LLC
Account #	: 0152453250015
IBAN #	: QA60QISB000000000152453250015

+974 66230468

Regus Building, D-Ring Road,
Doha, Qatar

dinesh@teamsolution.net

www.teamacademy.net