[KARACHI AI]
ENABLING EVERYONE TO APPLY ARTIFICIAL INTELLIGENCE

Karachi AI – Certified Professional Programs : Program Brochure

[KARACHI AI]

ENABLING EVERYONE TO APPLY ARTIFICIAL INTELLIGENCE

Mesum Raza
Founder Karachi.AI

Ali Raza
BoD – Academia

Noman Khalid
BoD – Corporate

OPS TEAM

Mustafa Ali
Manager Social Media

Haider Ali
Manager Administration

M. Mudassir
Manager Industry Relations

Huzaifa Kamran
Operational Team

Pardeep Kesnani
Operational Team

M. Talha Khan
Operational Team

The Board:

Mesum is the founder Karachi AI and Chief trainer at Lucid Data Analytics, by qualification he is a Oxford Brookes Grad and an ACCA who turned his back on conventional practice and diverted his career along the lines of Analytics, & Data mining. He has specialized in AI & Machine Learning and holds numerous Community Leadership positions in Data Analytics and AI Space.

Noman is the founding partner and chief data architect at Love For Data, a premier data science and decision support consulting company. He specializes in deriving value from organizational data using advanced data science techniques. He is a published researcher, and has a host of certifications on data science analytics.

Ali is electronics engineer by book, software architect and technopreneur by passion, he received masters degree in electronics engineering which involved research focused on machine learning. He is currently working as a CTO at Bitwits Pvt Ltd
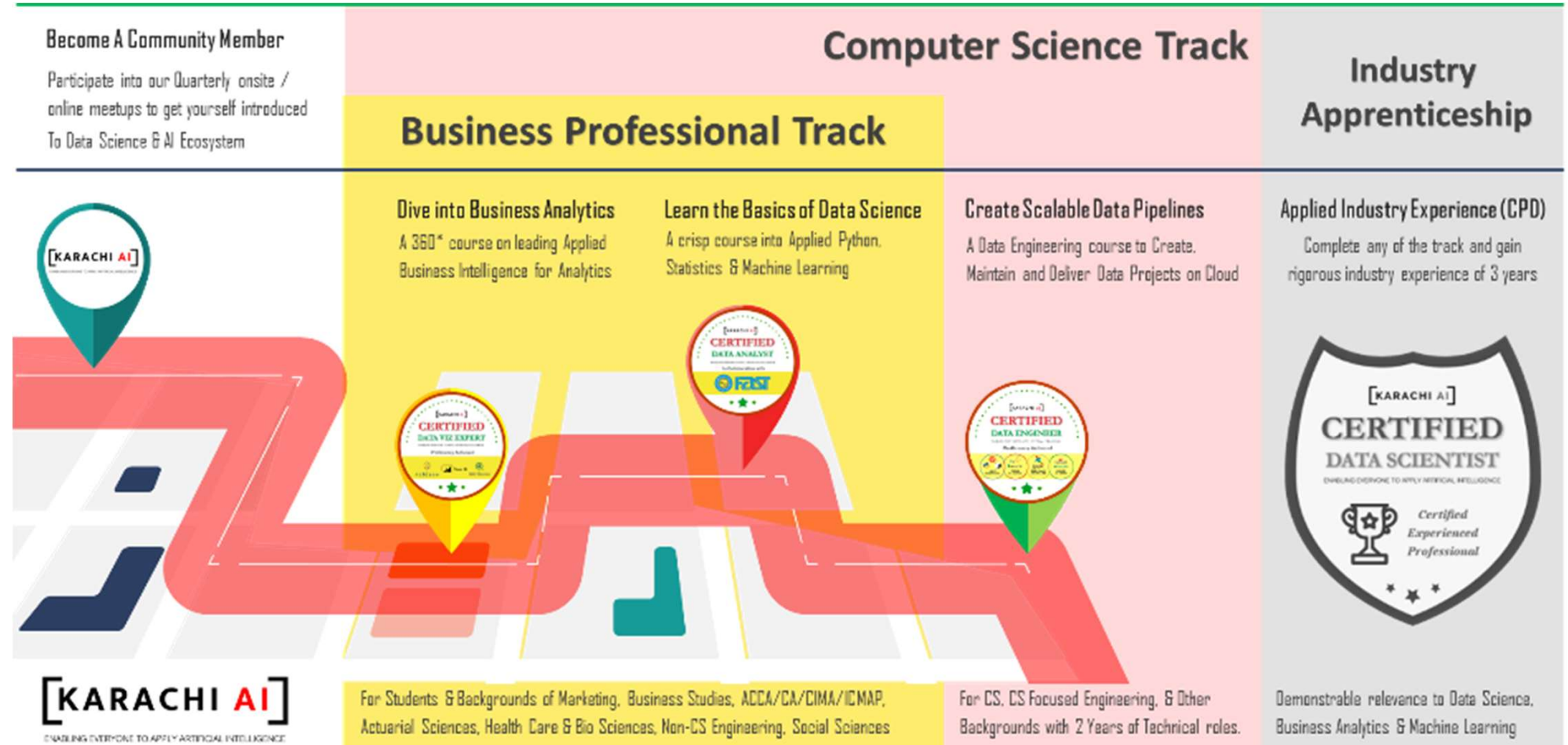
CERTIFIED PROGRAMS

[KARACHI AI]
CERTIFIED
DATA ANALYST
ENABLING EVERYONE TO APPLY ARTIFICIAL INTELLIGENCE
In Collaboration with
FAST

[KARACHI AI]
CERTIFIED
DATA VIZ EXPERT
ENABLING EVERYONE TO APPLY ARTIFICIAL INTELLIGENCE
Proficiency Achieved

[KARACHI AI]
CERTIFIED
DATA ENGINEER
ENABLING EVERYONE TO APPLY ARTIFICIAL INTELLIGENCE
Proficiency Achieved

[KARACHI AI]

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A COMPLETE SUITE OF COURSES WITH END TO END JOURNEY

Become A Community Member
Participate into our Quarterly onsite / online meetups to get yourself introduced To Data Science & AI Ecosystem

Computer Science Track

Business Professional Track

Industry Apprenticeship

Dive into Business Analytics
A 360° course on leading Applied Business Intelligence for Analytics

Learn the Basics of Data Science
A crisp course into Applied Python, Statistics & Machine Learning

Create Scalable Data Pipelines
A Data Engineering course to Create, Maintain and Deliver Data Projects on Cloud

Applied Industry Experience (CPD)
Complete any of the track and gain rigorous industry experience of 3 years

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CERTIFIED
DATA VIZ EXPERT
Proficiency Achieved

CERTIFIED
DATA ANALYST
In Collaboration with
FAST

CERTIFIED
DATA ENGINEER
Proficiency Achieved

[KARACHI AI]
CERTIFIED
DATA SCIENTIST
ENABLING EVERYONE TO APPLY ARTIFICIAL INTELLIGENCE
Certified Experienced Professional

[KARACHI AI]
ENABLING EVERYONE TO APPLY ARTIFICIAL INTELLIGENCE

For Students & Backgrounds of Marketing, Business Studies, ACCA/CA/CIMA/ICMAP, Actuarial Sciences, Health Care & Bio Sciences, Non-CS Engineering, Social Sciences

For CS, CS Focused Engineering, & Other Backgrounds with 2 Years of Technical roles.

Demonstrable relevance to Data Science, Business Analytics & Machine Learning

Some Nitty Gritty Comparison

	Certified Data Viz Expert	Certified Data Analyst	Certified Data Engineer
Python Programming		✅ ✅	✅
SQL & NoSQL	✅ ✅	✅	✅ ✅ ✅
ML & Statistics		✅ ✅	
Business Intelligence	✅ ✅ ✅	✅	
Big Data Systems			✅
Cloud Computing			✅
Data Modelling & ETL	✅		✅ ✅

KARACHI AI – CERTIFIED VIZ EXPERT

PROGRAM BROCHURE : THE IDEA BEHIND

Pre-amble / the Need:

Organizations are turning to Business intelligence (BI) to address the challenges of how to utilize vast amounts of data. BI includes technologies, applications, infrastructure and tools, and best practices enabling access to and analysis of information to support informed business decisions. On this outburst of requirement for Data Talent who is fluent and efficient with Marketing Leading BI tools such as SQL, Tableau, Power BI and Qlik Sense are required.

About / Introduction:

A course that enables you to kick start boost career into business intelligence and analytics, candidates are taught Advance SQL, Data modelling, Data visualization with Tableau, Power BI, and Qlik Sense. All the training sessions conducted by subject matter specialists with industry experience and several implementation projects in their careers.

Impact & Outcome:

The curriculum claims to produce candidates with proficiency in understanding of Data & Databases Ecosystem, Asking right questions for business problems, developing measurable analytics, and presenting insights on popular tools of Gartner's BI Quadrant.

Graduates can join established organizations or startups as Jr. Data Analyst, Data Analyst or Business Intelligence developers to serve wide variety of use cases available across industries..

1 Day of Weekend

For 4 Months

With Multiple Projects

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PROGRAM BROCHURE : ELIGIBILITY & OUTCOME

Who is this course for?

For Aspiring people who want to become Business Intelligence Developers , BI Data Analyst and Managers looking to manage Data Analytics teams at their organizations.

Beginners from any domain can join, no programming or statistical background is assumed. Students interested in this program should have already earned a degree or equivalent practical experience in any of the following fields: business, accounting, banking and finance, mortgage lending, insurance, medical, engineering, or I.T.

What you will learn?

In 16 Weeks, You will be able to take over Modern World Analytics and Structure Data, Design Effective Dashboards and Share compelling Data Stories, with key skills acquired in SQL, Tableau, Power BI and Qlik Sense.

● Learn SQL from Scratch and learn to prepare queries and retrieve data from databases and Create BI Data Models.

● Master Tableau and Create Insightful Visualizations to communicate information effectively with Dashboards and Stories.

● Learn the Skill of Business Dashboard in Power BI and utilize the power of DAX To solve real world analytical problems in Power BI

● Be Champion in Qlik Sense and get ready to utilize Augmented Analytics and the power of Qlik Data Analysis.

● Jobs & Internships to apply for Manager Analytics, BI Analyst & Developer roles at one of our 25+ Apprentice Partner Companies.

1 Day of Weekend

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PROGRAM BROCHURE : COURSE JOURNEY

Manipulating Data with Qlik Sense

Analyze data from variety of sources in Qlik Sense and develop advance analytics at scale.

Exploratory Analysis with Tableau

Learn the valuable skill of Data Analysis with Power of Tableau

Dashboarding with Power BI

Display and Monitor key KPIs with Power BI Dashboards & Reports

Advance SQL & Data Modelling

You will learn how to write advance SQL Queries and get data from vast sources.

1 Day of Weekend

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PROGRAM BROCHURE : ESSENTIAL INFO

1. Duration & Timings

3.5 MONTHS ON EVERY SATURDAY FROM 2 PM - 8 PM

2. Mode & Venue

ON-SITE CLASSES HELD AT AL HAMD ACADEMY, KHALID BIN WALEED ROAD, KARACHI.

3. Accreditation / Collaboration

ALL GRADUATES WILL BE ENDORSED & RECOGNIZED OFFICIALLY BY KARACHI AI & AL HAMD ACADEMY

4. Graduation

ALL GRADUATES WILL RECEIVE A CEREMONY, PHYSICAL CERTIFICATE, AND ONLINE VERIFIABLE CERTIFICATE

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SQL & Data Warehousing:

1. Basic SQL Concepts

-- **Case Study and Practice**

2. Intermediate Analytical SQL

-- **Hands-On on Oracle Database**

3. Data Modelling and Warehousing Strategy

-- **Class Activity and Discussion**

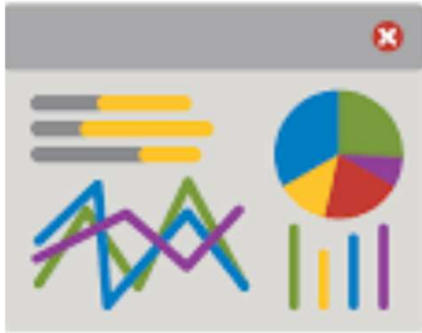4. Modern Database Structures (NoSQL)

-- **Overview Presentation**
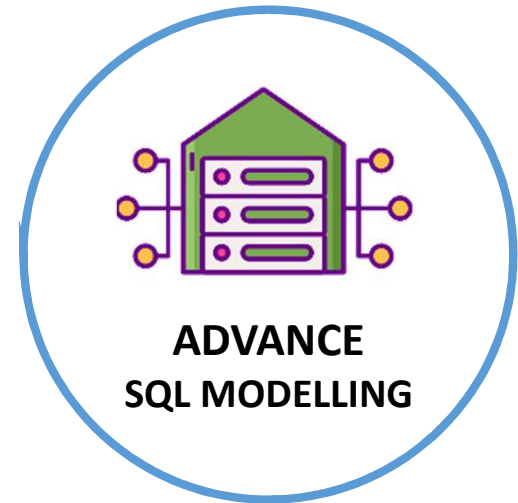
**ADVANCE
SQL MODELLING**

1 Day of Weekend
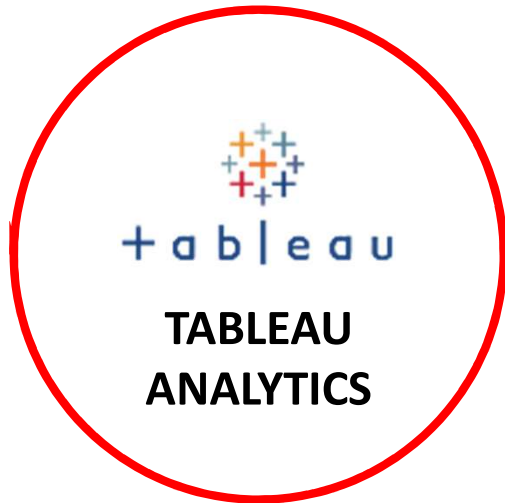
For 4 Months

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PROGRAM BROCHURE : OUTLINE

Visual Analytics with Tableau:

1. Introduction Tableau Basic Skills

-- **Case Study Practice**

2. Analyzing Data and Manipulating Views

-- **Intermediate Assessment**

3. Effective Dashboarding & Story Telling with Tableau

-- **Business Analytics and KPI Activity**

4. Advance Analytics with Tableau

-- **Milestone Project Assessment**

TABLEAU ANALYTICS

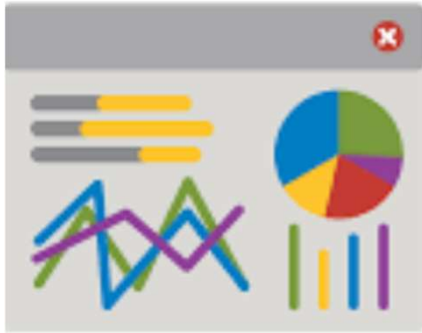## 1 Day of Weekend

For 4 Months

With Multiple Projects

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PROGRAM BROCHURE : OUTLINE

### Analytical Reporting with Power BI:

1. Basic Introduction to Power BI & Visuals

-- Case Study and Walkthrough

2. Data Transformation and Mashup with Power Query

3. Data Models and Extended DAX with Calculations

-- Intermediate Assessment & Practice

4. Adding Measures and Using Time Intelligence.

5. Formatting Visuals, Dashboards & Interactions

-- Milestone Project Assessment

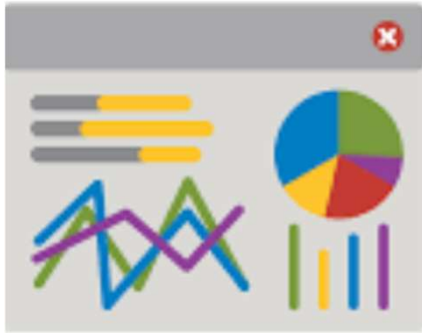**MICROSOFT POWER BI**

1 Day of Weekend

For 4 Months

With Multiple Projects
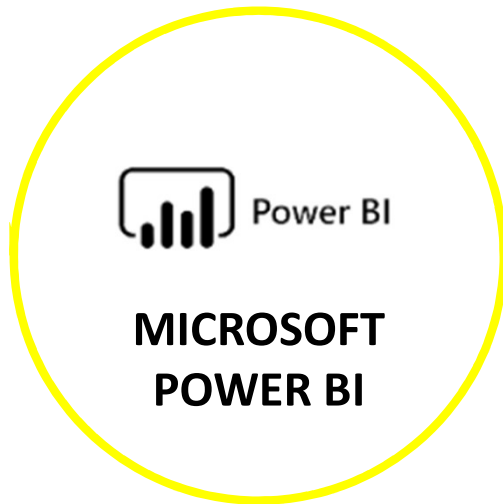
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PROGRAM BROCHURE : OUTLINE

Advance Analytics with Qlik:

1. Intro to Qlik Sense and Navigation

-- Case Study and Walkthrough

2. Qlik Sense Data Load Editor for Scripting

3. Using Data Manager & Data Modelling

-- Intermediate Assessment & Practice

4. Building Advance Analysis with Sets

4. Publishing Qlik Sense Dashboards & Apps

-- Milestone Project Assessment

QLIK VIEW/SENSE

1 Day of Weekend

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PROGRAM BROCHURE : INSTRUCTOR PROFILE

Mesum is the Founder of Karachi AI & Manager Analytics at NBP Funds, one of Pakistan's largest asset management company. Apartheid he is also the leader of Tableau User Group in Karachi.

Sohail is a Microsoft Certified Trainer, and has been involved into Analytics for past 5 Years. His experience and corpora of certifications in Microsoft Ecosystem brings him opportunity to deliver right tutorials for his audience.

Hassan has more than 3 years of experience in Qlik. He represents Tallymarks consulting which is the Master Reseller for Qlik and Gold partner for SAP.

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OUR PROUD INDUSTRY APPRENTICE PARTNERS

TallyMarks CONSULTING · BYKEA · ML MARKETLYTICS · LFD · ND NEXDEGREE Intuitive Technology

khareed · Ephlux · fetchsky · sehat kahani · INTEGRATIONXPERTS · TRAX · Astera Enabling Data-Driven Innovation

TELEMART · b Brandverse · BUYON.PK Yahan Sab Milay Ga! · MEDWORKS · SIRCONSULTANTS

OUR ACADEMIA PARTNERS

FAST · 10PEARLS UNIVERSITY BETA

OUR SUPPORT ASSOCIATIONS

ITCN ASIA · P@SHA Pakistan Software Houses Association for IT & ITES · PEC Pakistan E-Commerce Consortium · Cx Global FORUM

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PROGRAM BROCHURE : CLOSURE

For More Details on Registrations:

HEAD ON! : https://karachidotai.com/certifiedvizexpert

STAY UPDATED!

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https://pk.linkedin.com/showcase/certifiedvizexpert

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ARE YOU READY FOR THE FUTURE WITH ARTIFICIAL INTELLIGENCE?

CONNECT WITH US

LETS COLLABORATE TO BUILD AI ECOSYSTEM

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