

# SPECIALIZATION TRAINING SERVICES OFFERING

2024



مايند كابيتال للاستشارات والتدريب  
Mind Capital Co. Consulting & Training

معهد مايند كابيتال للتدريب الأهلي

MIND CAPITAL PRIVATE TRAINING INSTITUTE



UNLOCK YOUR POTENTIAL:  
OUR QUALITY TRAINING  
BOOSTS KNOWLEDGE AND  
PRODUCTIVITY!

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# COMPANY OVERVIEW



At **Mind Capital Private Training Institute**, we offer advanced training programs tailored to elevate individual and organizational skills and performance in Kuwait. Our expert trainers bring years of industry experience to your disposal, ensuring cost-effective, high-quality education. Welcome to your preferred destination for professional development.

# INTRODUCTION TO MACHINE LEARNING

## SYLLABUS:

- Introduction to Machine Learning.
- Introduction to Supervised Machine Learning Algorithms.
- Regression vs Classification.
- Over-fitting vs Under-fitting.
- Training and Validation.
- Data Preprocessing with NumPy & Pandas.
- Data Visualization with Matplotlib & Seaborn.
- Evaluation metrics. (Regression & Classification).
- Introduction to Unsupervised Machine Learning Algorithms.
- Dimensionality Reduction.

## Prerequisites:

- Good programming knowledge.
- Some Python programming experience is preferred.

## FEATURES:

- 100 % practical live classes.
- Projects From Scratch.
- The recording will be available.

**Language:** Arabic / English

**Training Hours:** 50



**By the end of the program, the trainee will be able to:**

- Use Python and Pandas to access and analyze data from several different data sources.
- Build predictive models using a variety of supervised and unsupervised machine learning techniques.
- Perform feature engineering to improve the performance of machine learning models.
- Optimize, tune, and improve algorithms according to specific metrics like accuracy and speed.
- Compare the performances of learned models using suitable metrics.

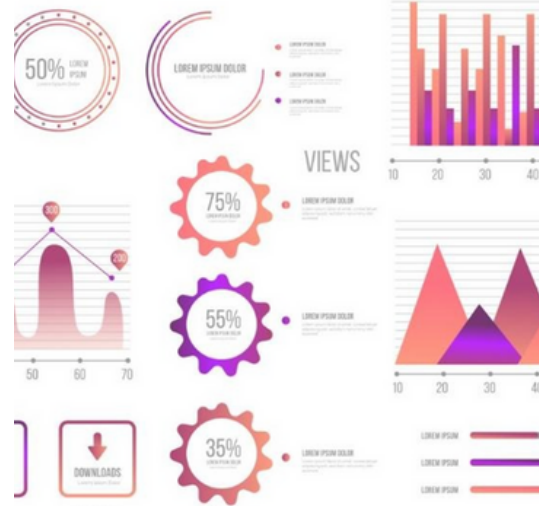
# MICROSOFT POWER BI DESKTOP FOR BUSINESS INTELLIGENCE

## SYLLABUS:

- Module 1: Get Started with Microsoft Power BI.
- Module 2: Prepare Data in Power BI.
- Module 3: Clean, Transform, and Load Data in Power BI.
- Module 4: Design a Data Model in Power BI.
- Module 5: Create Model Calculations using DAX in Power BI.
- Module 6: Optimize Model Performance.
- Module 7: Create Reports.
- Module 8: Create Dashboards.
- Module 9: Perform Advanced Analytics.
- Module 10: Create and Manage Workspaces in Power BI Service.
- Module 11: Manage Datasets in Power BI.

**Language:** Arabic / English

**Training Hours:** 50



- **By the end of the program, the trainee will be able to:**
- Prepare, Clean, Transform, and Load Data in Power BI.
- Create Reports & Dashboards and Perform Advanced Analytics that enable him to unify self-service and enterprise analytics, and more helpful insights.
- Improve efficiency and accuracy of BI content, get unparalleled Excel interoperation.
- Turn insights into action.

## FEATURES:

- 100 % practical live classes.
- Projects From Scratch.
- The recording will be available.

# DATA ANALYSIS

## SYLLABUS:

Module 1: Introduction to Data Analysis

Module 2: Databases

Module 3: Python Programming

Module 4: Data Analysis Using Python

## Prerequisites

Trainees should have:

Good programming knowledge.

Basic statistical knowledge.

- **Language:** Arabic / English
- **Training Hours:** 50



**By the end of the program, the trainee will be able to:**

- Use Python and Pandas to access and analyze data from various sources.
- Work with structured databases using SQL.

## FEATURES:

- 100 % practical live classes.
- Projects From Scratch.
- The recording will be available.



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# WEB DESIGN

## SYLLABUS:

- 1-HTML & CSS:
- HTML 5.
- CSS 3.
- Position.
- FLEXBOX.
- Pseudo Classes.
- Pseudo Elements.
- Advanced Selectors.
- Responsive Design.
  
- 2-Java Script:
- Basics.
- Functions.
- DOM & BOM.
- OOP.
- Async & Await.
- JavaScript Modules.
- ES6.

**Language:** Arabic / English

**Training Hours:** 40



By the end of the program, the trainee will be able to:

- Understanding of HTML5 and CSS3.
- Using flexbox.
- Make a responsive design.
- Familiar with JavaScript and ECMAScript 6.
- Understanding DOM and BOM.
- Working with promises and async/await.

## FEATURES:

- 100 % practical live classes.
- Projects From Scratch.
- The recording will be available.

# BACK-END DEVELOPMENT (NODE.JS)

## SYLLABUS:

- Node JS Basic.
- Efficient Development.
- Templating Engines.
- Routes and Modules.
- Node + MongoDB.
- User Input Validation.
- File Uploads&Downloads.
- Rest API.
- NPM.
- Using Express. JS.
- Model-view-controller.
- Node + SQL (MY SQL).
- Authentication.
- Error Handling.
- Async Requests.

**Language:** Arabic / English

**Training Hours:** 50



**By the end of the program, the trainee will be able to:**

- Dealing with the database.
- Understanding the difference between relational and non-relational databases.
- Implementing CRUD operations.
- Working with RESTful APIs.
- Authentication and Authorization.
- Implementing MVC architecture.

## FEATURES:

- 100 % practical live classes.
- Projects From Scratch.
- The recording will be available.

# ANGULAR DEVELOPMENT

## SYLLABUS:

- 1- Introduction to angular.
- 2- Typescript fundamentals.
- 3- Components.
- 4- Reactive Forms.
- 5- Routing & navigation.
- 6- Authentication & Authorization.
- 7- Project.

## Prerequisites:

- Good knowledge of HTML, CSS, JS, and OOP

## FEATURES:

- 100 % practical live classes.
- Projects From Scratch.
- The recording will be available.

**Language:** Arabic / English

**Training Hours:** 50



**By the end of the program, the trainee will be able to:**

- Create Single Page Applications (SPA) using Angular.
- Create interactive user interfaces using Angular components.
- Implement routing to create a navigable application structure.
- Handling and validating models effectively in Angular.
- Integrate external libraries and third-party components into your Angular application.
- Deployed Angular applications in production environments.



# FLUTTER DEVELOPMENT

## SYLLABUS:

### Dart:

- programming basic, structured programming.
- OOP.
- Async Programming.

### FLUTTER:

- SETUP.
- Widgets and screen design.
- Offline storage.
- Retrieve data online from API.
- Designing complete projects with database and API.
- Learning different design patterns.

## FEATURES:

- 100 % practical live classes.
- Projects From Scratch.
- The recording will be available.

### Prerequisites:

- Basic IT knowledge

**Language:** Arabic / English

**Training Hours:** 50



**By the end of the program, the trainee will be able to:**

- Write a program with dart programming basic and intermediate programs.
- Build an application based on OOP.
- How to build widgets and design mobile application screens.
- Create and manipulate data from the local database (sqlite).
- Flow different Design patterns in design (MVVM, MVC) patterns.
- Retrieve and present data from API.
- Introduction to firebase and cloud database.



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# ETHICAL HACKING USING PYTHON

## SYLLABUS:

- Command Line Fundamentals
- Python Modules
- How Internet Works
- Networking Fundamentals
- Network Scanner
- Arp Spoofer
- DNS Spoofer
- Bypassing Https
- Brute Force
- Writing Keylogger
- Writing Backdoors
- Web Application Hacking
- Web Crawler

**Prerequisites:** Basic IT knowledge

**Language:** Arabic / English

**Training Hours:** 50



**By the end of the program, the trainee will be able to:**

- Understand the use of Python in ethical hacking.
- Get hands-on experience with Python programming language.
- how to combine multiple Python libraries related to cybersecurity with building an automated process of information gathering.

## FEATURES:

- 100 % practical live classes.
- Projects From Scratch.
- The recording will be available.

# DIGITAL MARKETING

## SYLLABUS:

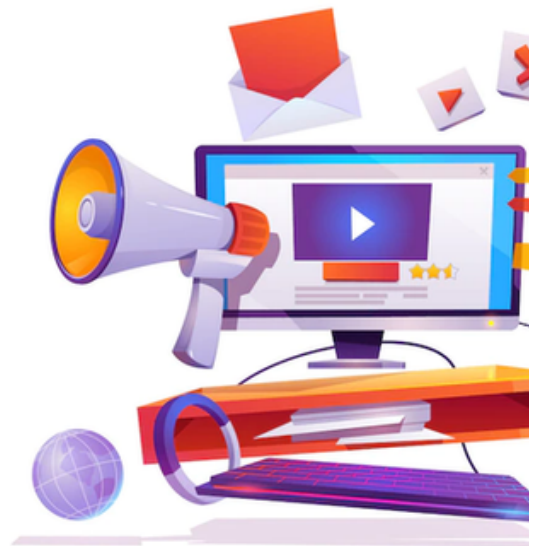
- 1- Introduction to Digital Marketing
- 2- Content Marketing
- 3- Search Engine Optimization
- 4- Google Ads
- 5- Social Media Marketing
- 6- E-mail Marketing

## FEATURES:

- 100 % practical live classes.
- Projects From Scratch.
- The recording will be available.

**Language:** Arabic / English

**Training Hours:** 40



**By the end of the program, the trainee will be able to:**

- Target quality audiences in a professional context. Market to influencers, decision-makers, and executives who act on new opportunities.
- Attract and engage customers through digital marketing channels like search and email.
- Promote your organization's updates to targeted audiences on desktop, mobile, and tablet.
- Measure marketing performance through analytics and present insights.

# DATA SCIENCE DIPLOMA



## SYLLABUS:

Part 1: Python for machine learning - 24 hours

- Module 1: Introduction to Programming and AI World
- Module 2: Python Programming

Part 2: Machine Learning - 44 hours

- Module 3: Data Analysis using Python
- Module 4: Machine Learning

Part 3: Data Visualization using Power BI - 50 hours

- Module 5: Microsoft Power BI

Part 4: Final Project – 4 hours

- Module 6: Final Project

## FEATURES:

- 100 % practical live classes.
- Projects From Scratch.
- The recording will be available.

**Language:** Arabic / English

**Training Hours:** 122



**By the end of the program, the trainee will be able to:**

- Use Python and Pandas to access and analyze data from various sources.
- Build and evaluate predictive models using supervised and unsupervised machine learning techniques.
- Perform feature engineering to improve model performance.
- Optimize, tune, and improve algorithms according to specific metrics.
- Compare different models using suitable metrics.
- Visualize and communicate data insights using Power BI.



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# DATA ANALYSIS DIPLOMA



## SYLLABUS:

Part 1: Data Analysis (50 hours)

Module 1: Introduction to Data Analysis

Module 2: Databases (SQL)

Module 3: Python Programming

Module 4: Data Analysis Using Python

Part 2: Data Visualization using Power BI (50 hours)

Module 5: Microsoft Power BI

Part 3: Final Project (4 hours)

- Data connection, analysis, and visualization using Python and Power BI.
- Presenting insights and findings.
- **Language:** Arabic / English
- **Training Hours:** 104



**By the end of the program, the trainee will be able to:**

- Use Python to access and analyze data from various sources.
- Work with structured databases using SQL.
- Visualize and communicate data insights using Power BI.

## FEATURES:

- 100 % practical live classes.
- Projects From Scratch.
- The recording will be available.

# MEAN STACK DIPLOMA



## SYLLABUS:

- Part 1: 50 hours for web Design

- |                      |                     |
|----------------------|---------------------|
| 1-HTML 5             | 2-CSS 3             |
| 3- Position          | 4-Flex box          |
| 5-Pseudo Classes     | 6-Pseudo Elements   |
| 7-Advanced Selectors | 8-Responsive Design |
| 9-Java Script        | 10-DOM & BOM        |
| 11-ES6               | 12-Project          |

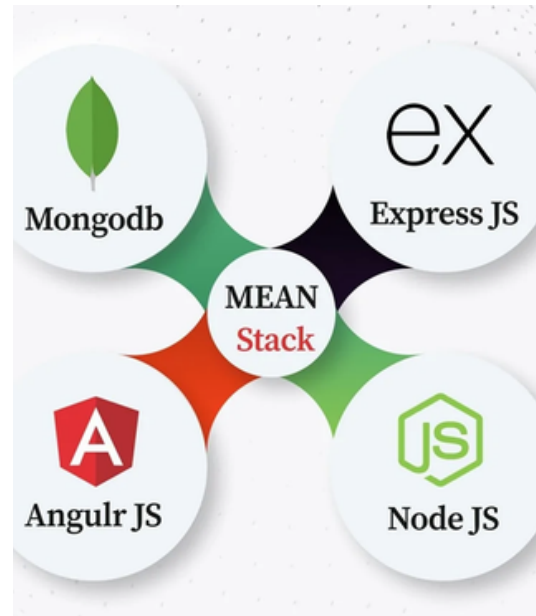
- Part 2: 40 hours for Angular

- 1-Typescript fundamentals
- 2-Introduction to angular
- 3-Components
- 4-Forms
- 5-Directives
- 6-Stand Alone Application
- 7-Signals
- 8-Routing & navigation
- 9-Authentication & Authorization
- 10-Project

- Part 3: 50 hours for Back-End  
(Node.JS, Express, and MongoDB)

- |                            |                         |
|----------------------------|-------------------------|
| 1-Node js Basic            | 2-NPM                   |
| 3-Efficient development    | 4-Using express.js      |
| 5-Templating engines       | 6-Model-view-controller |
| 7-Routes & Modules         | 8-Node + SQL (MySQL)    |
| 9-Node + MongoDB           | 10-Authentication       |
| 11-User Input validation   | 12-Error Handling       |
| 13-File uploads& Downloads |                         |
| 14-Async Requests          | 15-REST API             |
| 16-Project                 |                         |

- **Language:** Arabic / English
- **Training Hours:** 140



**By the end of the program, the trainee will be able to:**

- Master MEAN Stack Development.
- Execute Responsive Web Design.
- Apply User-Centric Design.
- Implement Advanced Front-end Design.
- Leverage Node.js for Scalability.
- Collaborate Across the Full Stack.
- Develop a Proficient Portfolio.
- Engage in Industry-Relevant Projects.

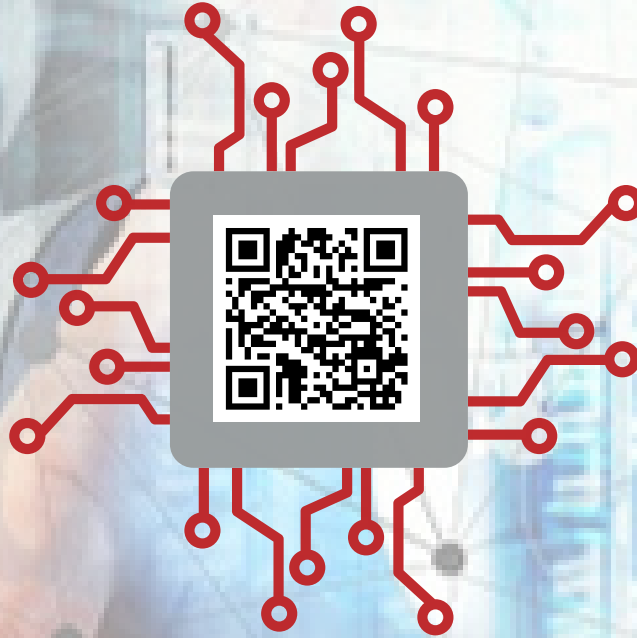
## FEATURES:

- 100 % practical live classes.
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