



# **INTENSIVE CODE CAMP** **POWER BI DEVELOPER** **2024/2025**

**Be one of our Graduates Family**

## **Track Overview**

**Information Technology Institute**

People Develop Countries .. We Develop People



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-  28 Km Cairo / Alexandria Desert Road,  
B148 Smart Village, Egypt
-  Intensive Training Program
-  [www.iti.gov.eg](http://www.iti.gov.eg)

# Power BI Developer



## DESCRIPTION

ITI Intensive Code Camp – (Power BI Developer) Specialization - is a product based program that will empower you to learn Microsoft PowerBI Visualtion Methodologies and Techniques for Creating Advanced Dashboards based on Data Analytics and statistics



## WHO MAY APPLY

All University Graduates especially Computer Science and Engineering Graduates and Applicants willing to expand their skills and knowledge.



## TRACK DURATION

393 Hours around 3 months (learning and project ).



## DELIVERY APPROACH

Blended between Self-paced, Synchronous Learning and Guided Practices with a Project Based Focused Journey.  
20% Self-paced | 40% Online | 40% Guided Practices  
Your Mentor supports throughout all the learning journey

## BEFORE YOU APPLY

Candidates will have to complete the following prerequisite courses to join our program

Programming Concepts that can be founded at Udacity

<https://www.udacity.com/course/c-plus-plus-nanodegree--nd213>

Database Fundamentals by studying this course at Khan Academy

<https://www.khanacademy.org/computing/computer-programming/sql>

or MaharaTech (<https://maharatech.gov.eg/enrol/index.php?id=740> )

ITI values that could be found here: [http:// www.iti.gov.eg/Site/AboutUs](http://www.iti.gov.eg/Site/AboutUs)

# Power BI Developer



## GRADUATE PROFILES

Power BI Developer



## REQUIRED TOOLS

Visual studio Code  
Microsoft SQL Server  
Microsoft PowerBI  
Microsoft Excel  
Tableau Desktop



## TRACK PRACTICES

Candidates are working together in one of the following Suggested Project:

Createing Advanced Power BI Dashboards and Analytics charts for One of the Online Data sets and Social Media Platforms (Facebook , Twitter , Instagram ,...etc.)

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## OVERALL LEARNING JOURNEY OUTLINE

### **SY01- 17%**

#### **Software Development Fundamentals**

Introduction to Programming using Python  
XML Fundamentals  
Source Control  
NOSQL DB

### **SY02 - 17%**

#### **Microsoft Database Concepts**

Database Fundamentals  
Advanced SQL Server Programming

### **SY03 - 26%**

#### **Analytics& Core Courses**

Microsoft SQL Server Business Intelligence  
Datawarehouse Modeling  
Introduction to Statistics  
Introduction to Datamining  
Introduction to Cloud Computing  
Introduction to Big Data  
Excel Data Analysis and Data Modelling

### **SY04 - 9%**

#### **Workshop Sessions**

Operating Systems Fundamentals  
Software Testing Fundamentals  
Network Fundamentals  
Agile Workshop

### **SY05 - 17%**

#### **PowerBI and Visualization courses**

Introduction to Transformation and Data Modelling Power BI  
Creating Visualizations with Microsoft Power BI  
Advanced Data Analysis using Microsoft Power BI & DAX  
Color Theory and Compelling Data Visualization Workshop  
Creating Tableau Dashboards

### **SY06 - 14%**

#### **SoftSkills & FreeLancing**

FreeLancing  
Business Communication Skills  
Interviewing Skills  
Effective Presentation Skills