

KOENIG SOLUTIONS • COURSE OUTLINE

AI Builder for Power Platform (Microsoft)

Learn to build, train and deploy AI models with AI Builder across Power Apps and Power Automate.

2 Days

16 HOURS

8

MODULES

73

TOPICS

10

HANDS-ON LABS

COURSE OVERVIEW

The AI Builder for Power Platform course is an in-depth training program designed for individuals looking to leverage artificial intelligence within the Microsoft Power Platform ecosystem. This course equips learners with the knowledge to use, manage, and deploy AI models that enhance the capabilities of Power Apps and Power Automate. Starting with an Introduction to AI Builder and understanding the AI Builder licensing, the course progresses to different AI Model Types, including both prebuilt and custom options. Learners will get hands-on experience with Prebuilt AI models, and delve into creating Custom AI models, learning about Prediction models, their prerequisites, and how to train and publish them. The course also covers how to integrate Azure Machine Learning models into AI Builder, and how to use these AI models within Power Automate and Power Apps to create intelligent workflows and applications. Lastly, it addresses administration and security aspects of AI Builder, teaching how to manage the AI model lifecycle, monitor data capacity, understand Consumption reports, and configure roles and security. This comprehensive course will enable participants to effectively implement AI solutions within their Power Platform projects, making them proficient in creating smarter business solutions.

Who Should Attend

The AI Builder for Power Platform course at Koenig Solutions equips professionals with AI model integration skills for Microsoft Power Apps and Power Automate. This course is ideal for:

Data Analysts and Scientists

Business Intelligence Professionals

IT Developers and Programmers

Power Platform Developers

AI and Machine Learning Enthusiasts

Process Automation Specialists

Solution Architects

Application Developers

IT Project Managers

Business Analysts

Microsoft Dynamics 365 Consultants

Software Engineers seeking to expand their skill set into AI

Technical Team Leads overseeing Power Platform projects

System Administrators involved in app lifecycle and security

Professionals working on digital transformation projects

LEARNING OBJECTIVES

- Explain AI Builder licensing options and trial activation
- Compare prebuilt and custom AI model types
- Apply prebuilt models such as receipt and invoice processing
- Build and train custom prediction models
- Integrate Azure Machine Learning models into AI Builder
- Implement AI models within Power Automate flows
- Configure AI Builder components in Power Apps
- Administer AI model lifecycle, roles and security

COURSE SYLLABUS

8 Modules, 73 Topics

01

Overview of AI Builder

INTRODUCTION TO AI BUILDER

Explore AI Builder in Power Automate · Explore AI Builder in Power Apps · Add intelligence to your business · Learn to use AI Builder

AI BUILDER LICENSING

Purchase additional AI Builder capacity · Paid and trial licenses · Benefits of a trial license · Activate an AI Builder trial license

02**2 Labs**

AI Model Types

MODELING WITH AI BUILDER

Overview · Model types · Common business scenarios

MODEL PROCESS

Build a model · Train your model · Manage your model · Publish your model · Use your AI model · Share your AI model · Distribute your AI model

03**Lab**

Overview of Prebuilt AI Models

INTRODUCTION TO PREBUILT AI MODELS

- Business Card Prebuilt Model
- Category Classification
- Entity Extraction
- ID Reader
- Invoice Processing
- Key Phrase Extraction
- Language Detection
- Receipt Processing
- Sentiment Analysis
- Text Recognition
- Text Translation

04**2 Labs**

Overview of Custom AI Models

OVERVIEW OF THE PREDICTION MODEL

Binary Prediction · Multiple Outcome Prediction · Numerical Prediction

PREDICTION MODEL PREREQUISITES

Skills and data required · Working with sample data · Creating a custom table

TRAINING AND PUBLISHING A MODEL

Train and publish a prediction model · **Exercise:** Using sample data for prediction · Prediction model performance · Prediction model training errors and warnings · Running the prediction model

05

Azure Machine Learning Model

BRING YOUR OWN AI MODEL INTO AI BUILDER

- Create your own model
- Register your own model
- **Exercise:** Bring Your Own Model Tutorial
- Limitations

PACKAGING YOUR OWN MODEL USING SOLUTIONS

- Export a model using a solution
- Import a model into the target environment
- Upgrade a model in the source and target environment
- Stage a model for upgrade

06

Lab

AI Builder Model in Power Automate

USING AI MODELS IN POWER AUTOMATE

Overview · Prerequisites · Using Prebuilt AI Models in Power Automate · Using Custom AI Models · Predict Action

07

2 Labs

AI Builder Model in Power Apps

USING AI MODELS IN POWER APPS

- Overview
- Using a prediction model in Power Apps
- Adding AI Builder components and modifying properties

USING AI BUILDER MODELS IN CANVAS APPS

- | | |
|------------------------------------|----------------------------------|
| ■ Requirements | ■ Best practices |
| ■ Selecting a model in Canvas Apps | ■ Input and output by model type |
| ■ Using a model with controls | ■ Prebuilt models |

Administering and Securing AI Builder

AI CUSTOM MODEL AND ENVIRONMENT LIFECYCLE

Lifecycle states of a model · Application lifecycle management · Environment lifecycle · Backup and restore · Data Loss Prevention (DLP) · Moving and copying environments

MONITORING AND MANAGING DATA CAPACITY

Monitoring usage · Data storage in Dataverse

AI BUILDER CONSUMPTION REPORT

Viewing and analyzing the consumption report

ROLES AND SECURITY IN AI BUILDER

Roles · Tables and privileges

HANDS-ON LABS

Practise What You Learn

#	MODULE	ACTIVITY
02	AI Model Types	■ Lab 2.1: Business Card Reader ■ Lab 2.2: Identity Document Reader
03	Overview of Prebuilt AI Models	Lab 3.1: Identity Document Reader
04	Overview of Custom AI Models	■ Lab 4.1: Document Processing ■ Lab 4.2: Category Classification
06	AI Builder Model in Power Automate	Lab 6.1: Receipt Processing
07	AI Builder Model in Power Apps	■ Lab 7.1: Entity Extraction ■ Lab 8.1: Text Recognizer
08	Administering and Securing AI Builder	■ Lab 8.1: Prediction ■ Lab 8.2: Object Detection

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

Visit koenig-solutions.com

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