
Microsoft Customer Data Platform Specialty

Module 1: Get started with Dynamics 365 Customer Insights

This module will cover the business value of a customer data platform and the user interface of Dynamics 365 Customer Insights.

Lessons

- Introduction to the customer data platform
- Administer Dynamics 365 Customer Insights
- Explore user permissions in Dynamics 365 Customer Insights

Lab : Verify environment

After completing this module, students will be able to:

- Describe the value of a customer data platform
- Describe the functionality of Dynamics 365 Customer Insights
- Administer environments and users in Dynamics 365 Customer Insights

Module 2: Ingest data into Dynamics 365 Customer Insights

This module will cover how to clean, transform, and import Data into Customer Insights.

Lessons

- Import and transform data
- Connect to data sources
- Work with data

Lab : Ingest data

After completing this module, students will be able to:

- Perform data transformation and import data using Power Query
- Connect to Microsoft Dataverse and Common Data Model sources
- Set up data refreshes

Module 3: Create a unified customer profile in Dynamics 365 Customer Insights

This module will cover how to map, match, and merge data to create a unified customer profile. After creating the customer profile, we will define search and filter indexes to search for customers.

Lessons

- Map data
- Match data
- Merge data
- Find customers

Lab : Unify the data

After completing this module, students will be able to:

- Map data, including using intelligent mapping, primary keys, and attribute types
- Match data, including specifying order, rules, conditions, and deduplication
- Merge data using system recommendations or manually
- Configure search and filter indexes
- Search for customers

Module 4: Work with Dynamics 365 Customer Insights

This module will cover relationships, activities, measures, and segments.

Lessons

- Explore Audience insights
- Define relationships and activities
- Work with measures
- Work with segments

Lab : Work with activities

Lab : Define measures

Lab : Create segments

After completing this module, students will be able to:

- Define activities
- Define relationships
- Create measures from scratch or use a template
- Manage segments and get suggested segments

Module 5: Enrich data and predictions with Audience insights

This module will cover how to enrich data, including brand and interest enrichment, how to use predictions, and how to use machine learning models.

Lessons

- Enrich data
- Use predictions
- Use machine learning models

Lab : Subscription Churn Model

Lab : Predictions

Lab : Enrich data

After completing this module, students will be able to:

- Identify the different options for data enrichment
- Enrich their customer data
- Define predictions
- Predict subscription churn
- Use machine learning models
- Describe responsible AI principles

Module 6: Manage external connections with Customer Data Platform

This module will cover extension options for Customer Insights data, including how to surface data in Dynamics 365 applications and the Microsoft Power Platform.

Lessons

- Export Customer Insights data
- Use Customer Insights with Microsoft Power Platform
- Display Customer Insights data in Dynamics 365 apps
- More ways to extend Customer Insights

Lab : Extend with the Power Platform

Lab : Extend with the Dynamics 365 apps

After completing this module, students will be able to:

- Surface Customer Insights data in Dynamics 365

- Use Customer Insights with Power Apps, Power Automate, and Power BI
- Use Customer Insights with Azure Synapse Analytics
- Understand use cases for Customer Insights APIs