

Courses with Hands-on Labs:

Future Ready Technology Course Program

Provides learners with the ability to earn a digitally sharable, résumé-worthy credential that confirms mastery of specific and impactful functional and technical skills after passing all courses in a set track and completing a final project.

BIG DATA		Lab
DAT229x	Microsoft Professional Orientation: Big Data	Y
DAT206X	Analyzing and Visualizing Data with Excel	Y
DAT207x	Analyzing and Visualizing Data with Power BI	Y
DAT221x	Introduction to NoSQL Data Solutions	Y
DAT201x	Querying Data with Transact-SQL	Y
DAT220x	Delivering a Data Warehouse in the Cloud	Y
DAT223.1x	Processing Big Data with Azure Data Lake Analytics	Y
DAT202.1x	Processing Big Data with Hadoop in Azure HDInsight	Y
DAT223.2x	Processing Real-Time Data Streams in Azure	Y
DAT202.2x	Implementing Real-Time Analytics in Azure HDInsight	Y
DAT223.3x	Orchestrating Big Data with Azure Data Factory	Y
DAT228x	Developing Big Data Solutions with Azure Machine Learning	Y
DAT213x	Analyzing Big Data with Microsoft R	Y
DAT202.3x	Implementing Predictive Analytics with Spark in Azure HDInsight	Y
DP-100-1	DP-100.1 Designing and Implementing a Data Science Solution on Azure	Y

DATA SCIENCE		Lab
DAT101x	Microsoft Professional Orientation: Data Science	Y
DAT206X	Analyzing and Visualizing Data with Excel	Y
DAT207x	Analyzing and Visualizing Data with Power BI	Y
DAT248x	Analytics Storytelling for Impact	Y
DAT249x	Ethics and Law in Data and Analytics	Y
DAT201x	Querying Data with Transact-SQL	Y
DAT204x	Introduction to R for Data Science	Y
DAT208x	Introduction to Python for Data Science	Y
DAT280x	Essential Math for Machine Learning: R Edition	Y
DAT256x	Essential Math for Machine Learning: Python Edition	Y

DAT274x	Data Science Research Methods: R Edition	Y
DAT273x	Data Science Research Methods: Python Edition	Y
DAT275x	Principles of Machine Learning: Python Edition	Y
DAT276x	Principles of Machine Learning: R Edition	Y
DAT228x	Developing Big Data Solutions with Azure Machine Learning	Y
DAT213x	Analyzing Big Data with Microsoft R	Y
DAT202.3x	Implementing Predictive Analytics with Spark in Azure HDInsight	Y

DEVOPS		Lab
DEVOPS200.1x	Introduction to DevOps Practices	Y
DEVOPS200.2x	Infrastructure as Code	Y
DEVOPS200.3x	Continuous Integration and Continuous Deployment	Y
DEVOPS200.4x	Configuration Management for Containerized Delivery	Y
DEVOPS200.5x	DevOps Testing	Y
DEVOPS200.6x	DevOps for Databases	Y
DEVOPS200.7x	Application Monitoring and Feedback Loops	Y
DEVOPS200.8x	DevOps for Mobile Apps	Y
DEVOPS200.9x	Architecting Distributed Cloud Applications	Y

ARTIFICIAL INTELLIGENCE		Lab
DAT263x	Introduction to Artificial Intelligence	Y
DAT208x	Introduction to Python for Data Science	Y
DAT256x	Essential Math for Machine Learning: Python Edition	Y
DAT249x	Ethics and Law in Data and Analytics	Y
DAT273x	Data Science Research Methods: Python Edition	Y
DAT275x	Principles of Machine Learning: Python Edition	Y
DAT236x	Deep Learning Explained	Y
DAT257x	Reinforcement Learning Explained	Y

ENTRY LEVEL SOFTWARE DEVELOPMENT	Lab
DEV274x Introduction to Python: Fundamentals	Y
DEV280x Building Functional Prototypes using Node.js	Y
DEV276x Learn to Program in Java	Y
DEV275x Writing Professional Code	Y

INTERNET OF THINGS (IOT)	Lab
DEV325x Introduction to Device Programming for IOT: C Edition	Y
DEV297x IoT Device Configuration and Communication: C Edition	Y
DEV312x Business Intelligence for IoT Solutions	Y
DEV313x Predictive Analytics for IoT Solutions	Y

DATA ANALYSIS	Lab
DAT269x Data Analysis: A Practical Approach for Absolute Beginners	Y
DAT286x Essential Math for Data Analysis using Excel Online	Y
DAT268x Data Visualization: A Practical Approach for Absolute Beginners	Y
DAT205x Introduction to Data Analysis using Excel	Y
DAT201x Querying Data with Transact SQL	Y
DAT206x Analyzing and Visualizing Data with Excel	Y
DAT207x Analyzing and Visualizing Data with Power BI	Y
DAT248x Analytics Storytelling for impact	Y
DAT289x Applied Data Analysis: Working in Organizations and Industries	Y

Front End		Lab
DEV203x	Introduction to Bootstrap - A Tutorial	Y
DEV208x	Introduction to jQuery	Y
DEV218x	Advanced CSS Concepts	Y
DEV224x	Building Your Azure Skills Toolkit	Y
DEV237x	Microsoft Professional Orientation: Front End Web Development	Y
DEV273x	Introduction to TypeScript 2	Y
DEV314x	Angular Fundamentals	Y
DEV315x	Advanced Angular	Y

Cloud Admin		Lab
AI-100.1	Designing and Implementing An Azure AI Solution	Y
AZ-100.2	Implementing and Managing Storage	Y

Online Training (OLT) Course Catalog and Tracks

ROLE-BASED COURSES

Designed to help 21st century job seekers and job keepers become and remain employable and is designed for career changers and those upskilling for technology jobs that are growing in demand, and the reach will extend to higher education, workforce development, and enterprises into the future as a majority of jobs require a level of technical skill.

Roll-based	Lab
AZ-203.1 Develop Azure Infrastructure as a Service compute solutions	Y
AZ-203.2 Develop Azure Platform as a Service compute solutions	Y
AZ-203.6 Connect to and consume Azure, and third-party, services	Y
AI-100.1 Designing and Implementing an Azure AI Solution	Y
AZ-100.1 Managing Azure Subscriptions and Resources	Y
AZ-103.1 Azure Security Engineer	Y
AZ-201.2 Implement Azure development integration solutions	Y
AZ-300.1 Deploying and Configuring Infrastructure	Y
AZ-300.4 Creating and Deploying Apps	Y
AZ-300.6 Developing for the Cloud	Y
AZ-400.5 Implementing Application Infrastructure	Y
DP-200.1 Implementing an Azure Data Solution	Y
MB-200.1 Dynamics - Power Platform applications	Y
MB-200.2 Dynamics - Power Platform automation	Y
MB-200.3 Dynamics - Power Platform integrations	Y
MB-200.4 Dynamics - Power Platform test and deploy	Y
MB-210.1 Dynamics 365 for customer engagement for Sales	Y
MB-230.1 Dynamics 365 for customer engagement for Customer Service	Y