



Learning paths for in-demand jobs

Helping job seekers and the organizations supporting them successfully navigate the paths to in-demand roles in a more digital economy

Where is your job seeker on their learning journey?

[Digital skills](#)

Job seekers can start here to learn the fundamentals of using digital technologies. They will learn how to effectively use devices, software, and the internet to collaborate with others and discover, use, and create information

[Foundational skills](#)

Job seekers will start here if they are looking to build on digital skills and learn how to use a computer comfortably while improving learning and productivity. They will discover the essential soft-skills that help people interact effectively with others

[Role based skills](#)

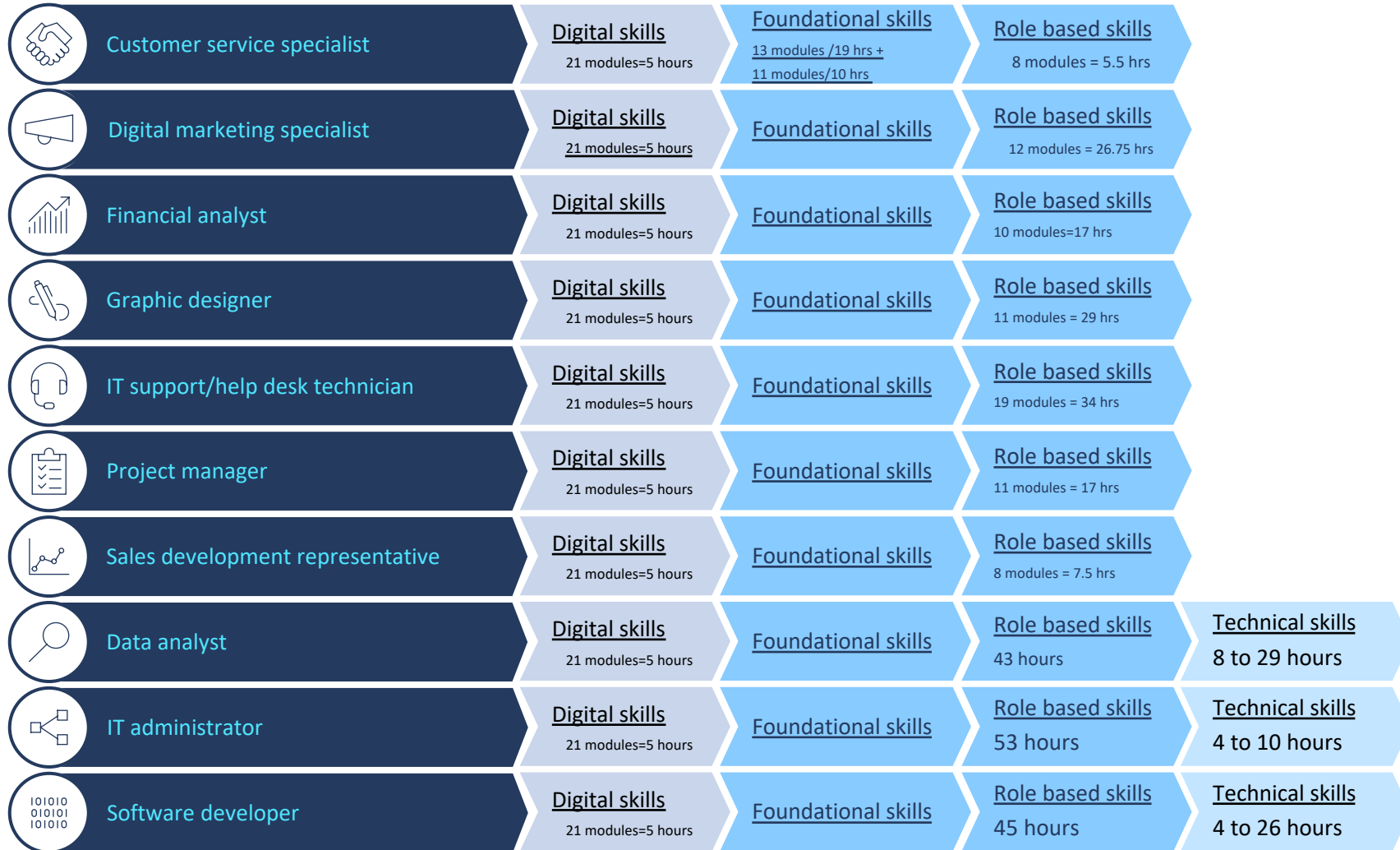
Once job seekers feel confident in their digital and foundational skills and decides what role they would like to pursue, they can access courses on LinkedIn Learning to gain the role based skills for in-demand jobs

[Technical skills](#)

Job seekers can go deeper on technical skills for three of the roles with Microsoft Learn modules. They will gain valuable and in-demand skills on widely used technologies while preparing for a role based Microsoft Certification

If you want to pursue a role as a...

Follow this learning journey based on your current skills



✓ Learn the basics of technology on Microsoft digital skills

✓ Gain foundational and role based skills for in-demand jobs and earn certificates of completion on LinkedIn Learning

✓ Advance technical skills on Microsoft Learn to prepare for certification



Digital skills

	Skills	Courses available
Digital literacy (5 hours)	<ul style="list-style-type: none">• Work with computers• Access information online• Communicate online• Participate safely and responsibly online• Create digital content• Collaborate and manage content digitally	Microsoft digital literacy course

Next steps on the journey:



Foundational skills

	Skills 	Courses available 
Digital fluency & productivity (19 hours)	<ul style="list-style-type: none">• Windows 10• Office 365• Microsoft Teams & SharePoint• Zoom/WebEx• Remote work foundations	Digital transformation in practice: Virtual collaboration tools
Critical soft skills (10 hours)	<ul style="list-style-type: none">• Developing your emotional intelligence• Critical thinking for better judgment and decision-making• Persuading others	Master in-demand professional soft skills

Next steps on the journey:



Role based knowledge and skills



Continue deeper, technical skilling on Microsoft Learn



Data analyst



IT administrator



Software developer

After completing the role based skills on LinkedIn Learning, job seekers can go deeper on technical skills for three roles with Microsoft Learn modules



Data analyst



Role description

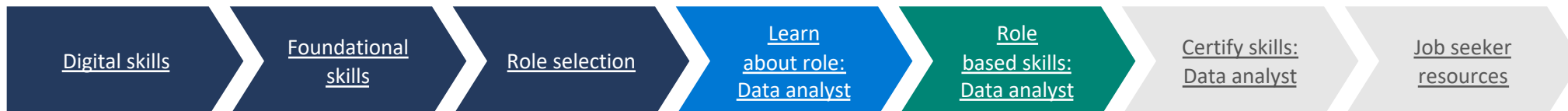
These skilled professionals are trained in mathematics, statistics, and computer science, which allow them to take on many different roles — such as operations analyst, financial analyst, and marketing analyst. With their unique skill sets, data analysts make sense of numbers so that organizations can make solid decisions about pricing, scheduling, operations, and much more

Top in-demand skills for Data analyst





DATA SCIENCE PYTHON EXTRACTION ORACLE PROJECT
VULNERABILITY ASSESSMENT TRANSFORMATION AND MANAGEMENT
DATA ANALYSIS SQL LOADING (ETL) BIG DATA NETWORK
INFORMATION **DATA ANALYST** LINUX SECURITY
ASSURANCE JAVA SCHEDULING INFORMATION SYSTEMS
CRYPTOGRAPHY RISK ASSESSMENT APACHE HADOOP SOFTWARE DEVELOPMENT
INFORMATION SECURITY CUSTOMER SERVICE UNIX
SECURITY OPERATIONS DATA MANAGEMENT DATA WAREHOUSING

Next steps on your journey:



Data analyst

Role based skills

	Skills 	Courses available 
Role based skills (43 hours)	Data analytics, data analysis, Excel, statistical data analysis, data visualization, business analytics, Power BI, performance dashboards, Tableau	Become a Data analyst
	Project management, business ethics, requirements management, budget management, communication, risk management, risk analysis, stakeholder management, Microsoft Project	Become a Project manager
	Databases, database development, database queries, SQL	Learning SQL programming
	Hands-on guided learning	GitHub Learning Lab

[Digital skills](#)

[Foundational Skills](#)

[Role selection](#)

[Learn about role: Data analyst](#)

[Role based skills: Data analyst](#)



[Certify skills: Data analyst](#)

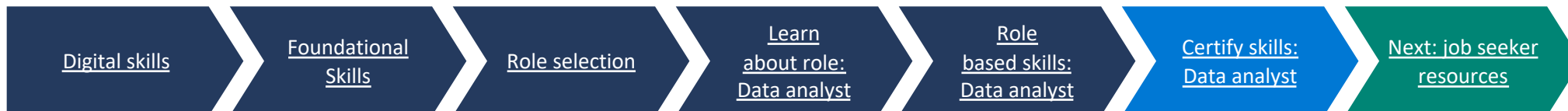
[Job seeker resources](#)

Data analyst

Technical skills

Microsoft Technology Area: [Power Platform](#)

	Skills 	Courses available 
Learn Fundamental skills (8 hours)	CRM, ERP, Power BI	Data analyst fundamentals
Certify skills		Microsoft Power Platform Fundamentals
Learn Fundamental skills (8 hours)	SQL, Azure SQL database, SQL Server, Azure Data Factory, Power BI	Data analyst fundamentals
Certify skills		Azure Data Fundamentals
Develop deeper skills (13 hours)	Power BI, data analysis, Common Data Service, Data Management, Dynamics 365 Customer Insights	Deep data analyst skills
Certify skills		Data Analyst Associate



IT administrator



Role description

These technical experts perform day-to-day maintenance and repairs, including software and computer installations and upgrades, routine automation, security maintenance, troubleshooting, training, and technical support for all users and projects of the organization

Top in-demand skills for IT administrator





Next steps on your journey:



IT administrator

Role based skills

Role based skills (53 hours)	Skills 	Courses available 
	Network administration, computer networking	Prepare for the CompTIA network+ certification
	Project management, business ethics, requirements management, budget management, communication, risk management, risk analysis, stakeholder management, Microsoft Project	Become a Project manager
	Databases, database development, database queries, SQL	Learning SQL programming
	Hands-on guided learning	GitHub Learning Lab



IT administrator certification journey options

Microsoft 365

Microsoft 365 Teamwork Administrators configure, deploy, and manage Office 365 workloads that focus on efficient and effective collaboration, such as SharePoint (online, on-premises, and hybrid), OneDrive, and Microsoft Teams

Microsoft Azure

Responsibilities for this role include implementing, managing, and monitoring identity, governance, storage, compute, and virtual networks in a cloud environment, plus provision, size, monitor, and adjust resources, when needed

An Azure Administrator often serves as part of a larger team dedicated to implementing your organization's cloud infrastructure

Security

Azure Security Engineers implement security controls and threat protection; manage identity and access; and protect data, applications, and networks in cloud and hybrid environments as part of end-to-end infrastructure

Digital skills

Foundational skills

Role selection

Learn about role: IT administrator

Role based skills: IT administrator

Technical skills: IT administrator



Next: Certify skills

Job seeker resources

IT administrator

Technical skills

Microsoft Technology Area: [Microsoft 365](#)



	Skills 	Courses available 
Learn fundamental skills (4 hours)	Microsoft 365 subscription, Microsoft 365 services, Microsoft 365 teamwork toolkit, Microsoft 365 Apps, Microsoft 365 endpoint management, Microsoft 365 security, Microsoft 365 compliance tools, cloud deployment model	IT administrator fundamentals
Certify skills	Microsoft 365 Fundamentals	
Develop deeper skills (6 hours)	SharePoint, Microsoft 365 Groups, Teams management, Skype for Business, Teams upgrade, hybrid connectivity	Develop deep IT administrator skills
Certify skills	Microsoft 365 Teams Administrator Associate	



IT administrator

Technical skills

Microsoft Technology Area: [Microsoft Azure](#)



	Skills 	Courses available 
Learn fundamental skills (4 hours)	Azure, Core Cloud Services, Apply and monitor infrastructure standards, Azure Resource Manager, Azure Cost Management and Azure Advisor	IT administrator fundamentals
Certify skills	Azure Fundamentals	
Develop deeper skills (7 hours)	Monitoring, incident response, logging, provisioning, ARM, deployment, scaling, architecture, HPC, disaster recovery, backup, autoscaling, storage, data management, blob storage, access management, VPN, network security, network architecture, load balancing ,threat management, policy configuration, RBAC, threat modeling, firewalls, security baseline, incident response, diagnostic logging, Azure policy, virtual machines, CLI, PowerShell, Active Directory, Docker, Security Center, OpenID Connect, Multi-factor authentication	Deep IT administrator skills
Certify skills	Azure Administrator Associate	



IT administrator

Technical skills

Microsoft Technology Area: [Security](#)

	Skills 	Courses available 
Learn fundamental skills (4 hours)	Microsoft 365 subscription, Microsoft 365 services, Microsoft 365 teamwork toolkit, Microsoft 365 Apps, Microsoft 365 endpoint management, Microsoft 365 security, Microsoft 365 compliance tools, cloud deployment model	IT administrator fundamentals
Certify skills	Microsoft 365 Fundamentals	
Develop deeper skills (7 hours)	Threat modeling, data flow diagrams, security controls, active directory, threat protection, security strategy principles, information protection, prevent data loss, monitor and analyze sensitive data, Security Center, protect mail, securing Windows 10 endpoints	Deep IT administrator skills
Certify skills	Microsoft 365 Security Administrator	



Software developer



Role description

Software engineers work in retail, healthcare, research and development, technology, and dozens of other industries. They design, develop, and implement software from the ground up, allowing organizations to keep step with the ever-changing digital landscape

Top in-demand skills for Software Developer




ORACLE LINUX JQUERY SQL PYTHON
PROJECT MANAGEMENT WEB DEVELOPMENT
ANGULAR JS AGILE DEVELOPMENT DEVOPS .NET SOFTWARE
JAVA SCRIPT SOFTWARE ENGINEERING
JAVA DEVELOPER DEBUGGING
UNIT SCRUM
MICROSOFT C# GIT HTML 5 TESTING C++
OBJECT-ORIENTED ANALYSIS AND DESIGN(OOAD)
WEB APPLICATION SOFTWARE CUSTOMER SERVICE
DEVELOPMENT DEVELOPMENT

Next steps on your journey:



Software developer

Role based skills

	Skills 	Courses available 
Role based skills (45 hours)	Python, programming, JavaScript, database development, database administration, database design, SQL, web development, full stack development, front end development, HTML, web design, CSS, web application security	Become a Software developer
	Project management, business ethics, requirements management, budget management, communication, risk management, risk analysis, stakeholder management, Microsoft Project	Become a Project manager
	Databases, database development, database queries, SQL	Learning SQL programming
	Hands-on guided learning	GitHub Learning Lab

[Digital skills](#)

[Foundational skills](#)

[Role selection](#)

[Learn about role:
Software developer](#)

[Role based skills:
Software developer](#)

[Technical skills:
Software developer](#)

[Certify skills](#)

[Job seeker resources](#)

Software developer certification journey options

Microsoft 365

Microsoft 365 Developers design, build, test, and maintain applications and solutions that are optimized for the productivity and collaboration needs of organizations using the Microsoft 365 platform

Azure

Azure Developers partner with cloud solution architects, cloud DBAs, cloud administrators, and clients to implement solutions

Security

Azure Security Engineers implement security controls and threat protection; manage identity and access; and protect data, applications, and networks in cloud and hybrid environments as part of end-to-end infrastructure

Power Platform

The app maker uses the maker tools of Power Platform to solve business problems; create business processes, structure digital collection of information, and automates business processes

Digital skills

Foundational skills

Role selection

Learn about role:
Software developer

Role based skills:
Software developer

Technical skills:
Software developer



Certify skills

Job seeker resources

Software developer

Technical skills

Microsoft Technology Area: [Microsoft 365](#)

	Skills 	Courses available 
Learn fundamental skills (4 hours)	Subscription management, Microsoft 365 services, Microsoft 365 teamwork toolkit, Microsoft 365 Apps, endpoint management, Microsoft 365 security, compliance tools, cloud deployment model	Software developer fundamentals
Certify skills	Microsoft 365 Fundamentals	
Develop deeper skills (22 hours)	HTML, CSS, and JavaScript, Visual Studio Code, C#, Office ad-ins, SharePoint framework , Microsoft Graph, Active Directory, Identity management	Deep software developer skills
Certify skills	Microsoft 365 Developer Associate	



Software developer

Technical skills

Microsoft Technology Area: [Power Platform](#)



	Skills	Courses available
Learn fundamental skills (4 hours)	CRM, ERP, Power BI	Software developer fundamentals
Certify skills	Microsoft Power Platform Fundamentals	
Develop deeper skills (35 hours)	Data models, visualizations, Azure Data Lake, Common Data Service, resource mapping, security, api development	Deep software development skills
Certify skills	Microsoft Power Platform App Maker	



Software developer

Technical skills

Microsoft Technology Area: [Azure](#)



	Skills 	Courses available 
Learn fundamental skills (9 hours)	Azure, Core Cloud Services, Apply and monitor infrastructure standards, Azure Resource Manager, Azure Cost Management, Azure Advisor	Software developer fundamentals
Certify skills	Azure Fundamentals	
Develop deeper skills (62 hours)	Cloud computing, serverless, functions, Visual Studio, webhooks, SignalR, messaging, event hubs, service bus, queues, SQL, PostgreSQL, data, storage MEAN, RDP, virtual machines, PowerShell, resource manager, web apps, App Service, VS Code, Databricks, Security Center, Key Vault, SQL Database, Key Vault, RBAC, Databricks, SQL Data Warehouse, data factory, data transformation, Cosmos DB, stored procedures, Gremlin API, NoSQL Azure Notebook, Python, Keras	Deep software developer skills
Certify skills	Azure Developer Associate	



Software developer

Technical skills

Microsoft Technology Area: [Security](#)

	Skills 	Courses available 
Learn fundamental skills (9 hours)	Core cloud services, monitor infrastructure standards, Azure Resource Manager, Azure Cost Management, Azure Advisor	Software developer fundamentals
Certify skills	Azure Fundamentals	
Develop deeper skills (47 hours)	Threat modeling, data flow diagrams, security controls, API management, Azure Active Directory, key vault, SQL database, architect migration , disaster recovery, network security, Cosmos DB, Synapse Analytics, SQL Database, virtual machine, identity management, multi-factor authentication, Azure Key Vault, governance, RBAC, virtual machines, management, monitoring, C#	Deep software developer skills
Certify skills	Azure Security Engineer Associate	



Job seeker info

Critical soft skills



- Developing your emotional intelligence
- Critical thinking for better judgment and decision-making
- Persuading others

Job seeker training



- Finding a job
- Recession-proof career strategies
- Writing a resume
- Video interview tips

Search for jobs



- Using your network
- Stand out with your LinkedIn profile
- Set custom alerts

Digital skills

Foundational skills

Role selection

Learn about role

Role based skills

Technical skills

Certify skills

Job seeker resources

Primary language offerings

	English	French , German , Spanish
LinkedIn content available	<ul style="list-style-type: none">• Role based training for top 10 in-demand roles	
Microsoft Learn offerings	<ul style="list-style-type: none">• Technical training available for software developer, IT administrator, and data analyst roles• Certification exams for software developer, IT administrator, and data analyst roles	
GitHub	<ul style="list-style-type: none">• Learning Lab to practice technical skills hands-on	

Additional language offerings

	Italian, Portuguese	Japanese	Korean, Chinese (simplified)	Chinese (traditional), Dutch, Swedish
Microsoft Learn	Technical training available for software developer, IT administrator, and data analyst roles			
Microsoft Certification Exams	<ul style="list-style-type: none">• Translation for all 13 exams in progress	<ul style="list-style-type: none">• Microsoft Azure Fundamentals• Microsoft Azure Security Technologies• Microsoft 365 Security Administration• Microsoft 365 Fundamentals	<ul style="list-style-type: none">• Microsoft Azure Fundamentals• Microsoft Azure Security Technologies	