Microsoft Learn
Student Ambassador

Leagues Overview

What are Leagues?

Microsoft Student Ambassador Leagues are diverse communities of like-minded Student Ambassadors and mentors formed around a specific topic.

Leagues are designed to allow you to engage in topics you are passionate about while enabling you to develop skills and share knowledge with your communities.

With Technical Leagues, you learn about technical topics, and with Social Impact Leagues, you can apply your technical knowledge and build projects.

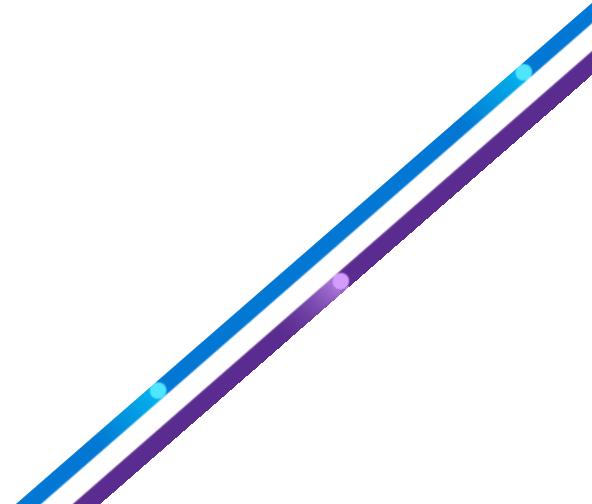
What does the League experience look like?

- Recommended Microsoft Learn learning paths relevant to the League topic
- Event ready content you can use with your community
- Opportunity to work on league projects and skills challenges – both within the league and in collaboration or competition with other leagues
- Opportunity to co-create of workshop content, giving you subject matter expertise that you will share with the rest of the program
- Train-the-Trainer sessions on league-specific workshop content
- Mentorship sessions on league-specific topics and job skills
- Digital swag to represent your league affiliation(s)
- A community of like-minded peers and professionals

How do I join League events?

The league events are open to all Student Ambassadors. We will be featuring one technical focus each month.

The league events will be hosted in the Community team league channels.



Where can I find League information and content on Student Ambassadors Teams?

League information and content is saved in three main places:

1. This pdf is saved on the [Program Information team -> Leagues Overview Channel -> Details tab](#).

2. A detailed OneNote for League Learning Paths is saved on the [Program Information team->Leagues Overview channel->League Learning Paths tab](#).

   - Each League's specific learning path list is saved on a tab in the League's channel on the Community team.

3. A detailed OneNote for workshop content is saved on the [Community team->Content for Workshops channel->Content for Workshops tab.](#)

   - Each League's specific workshop content is saved on a tab in the League's channel on the Community team.

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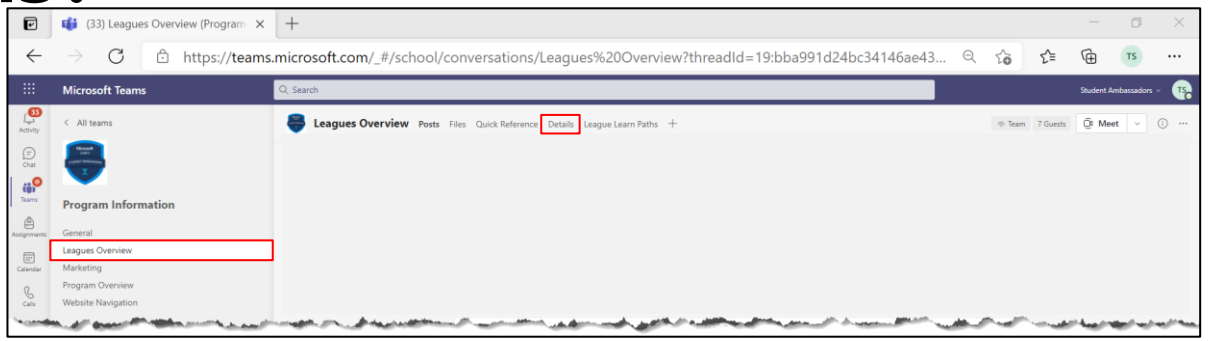

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Full List of Leagues

Technical Leagues

- AI and Machine Learning
- Data and Analytics
- Emerging Technologies
- Internet of Things
- Mobile and Web Development
- Low Code Development

Social Impact Leagues

- Digital Accessibility
- Education
- Green Tech
- Healthcare

AI and Machine Learning

For those interested in using tools such as Python and Azure Machine Learning to build ML models and other types of AI solutions.

Recommended Learning Path(s) and/or additional stand-alone module(s):

- Get started with artificial intelligence on Azure
- Understand Data Science for Machine Learning
- Foundations of Data Science for Machine Learning

Potential Job Roles:

- AI Engineer
- Data Scientist

Data and Analytics

For those interested in wrangling and analyzing data and working with data structures and databases.

Recommended Learning Path(s) and/or additional stand-alone module(s):

- Understand Data Science for Machine Learning
- Foundations of Data Science for Machine Learning

Potential Job Roles:

- Data Analyst
- Data Engineer
- Functional Consultant
- Data Scientist

Emerging Technologies

For those interested in the newest technologies that are emerging into the market, including Augmented Reality, Mixed Reality, Virtual Reality, Quantum computing, and other types of Spatial computing.

Recommended Learning Path(s) and/or additional stand-alone module(s):

- Azure Fundamentals part 1: Describe core Azure concepts
- Azure Fundamentals part 2: Describe core Azure services
- Azure Fundamentals part 3: Describe core solutions and management tools on Azure
- Track global air quality with Azure Maps
- Solve optimization problems by using quantum-inspired optimization

Potential Job Roles:

- Developer
- Solutions Architect

Internet of Things IoT

For those interested in edge devices such as Raspberry Pi and other Internet of Things tools, and the systems that support them.

Recommended Learning Path(s) and/or additional stand-alone module(s):

- Introduction to Azure IoT

Potential Job Roles:

- Developer
- Solutions Architect

Low Code Development

For those interested in using tools such as Power Apps, Power BI, Power Automate, and Power Virtual Agents to empower everyone to build applications.

Recommended Learning Path(s) and/or additional stand-alone module(s):

- Azure Fundamentals part 1: Describe core Azure concepts
- Azure Fundamentals part 2: Describe core Azure services
- Azure Fundamentals part 3: Describe core solutions and management tools on Azure
- Microsoft Power Platform Fundamentals

Potential Job Roles:

- App Maker
- Business User
- Functional Consultant
- Developer

Mobile and Web Development

For those interested in developing mobile applications using various technologies such as Xamarin and React Native and web applications using various technologies such as JavaScript, .NET, HTML and CSS and more.

Recommended Learning Path(s) and/or additional stand-alone module(s):

- Deploy a website to Azure with Azure App Service

Potential Job Roles:

- Developer

Digital Accessibility

For those interested in building products to enrich the lives of people with disabilities, and learning how to design and build technology that reflects the diversity of everyone.

Recommended Learning Path(s) and/or additional stand-alone module(s):

- Azure Fundamentals part 1: Describe core Azure concepts
- Azure Fundamentals part 2: Describe core Azure services
- Azure Fundamentals part 3: Describe core solutions and management tools on Azure
- Introduction to disability and accessibility
- Digital accessibility

Education

For those interested in empowering every student on the planet to achieve more, and promoting lifelong learning, employability, and equal opportunity through the use of technology.

Recommended Learning Path(s) and/or additional stand-alone module(s):

- Azure Fundamentals part 1: Describe core Azure concepts
- Azure Fundamentals part 2: Describe core Azure services
- Azure Fundamentals part 3: Describe core solutions and management tools on Azure
- Create a chat bot to help students learn with Azure Bot Service

Green Tech

For those interested in technologies both now and near-future that might help us mitigate or reverse the effects of human activity in the environment and create a more sustainable future.

Recommended Learning Path(s) and/or additional stand-alone module(s):

- Azure Fundamentals part 1: Describe core Azure concepts
- Azure Fundamentals part 2: Describe core Azure services
- Azure Fundamentals part 3: Describe core solutions and management tools on Azure
- Analyze climate data with Azure Notebooks
- The Principals of Sustainable Software Engineering

Healthcare

For those interested in transforming and reimagining healthcare through the use of technology, including enabling personalized care, empowering care teams, and improving operational outcomes.

Recommended Learning Path(s) and/or additional stand-alone module(s):

- Azure Fundamentals part 1: Describe core Azure concepts
- Azure Fundamentals part 2: Describe core Azure services
- Azure Fundamentals part 3: Describe core solutions and management tools on Azure
- The Data Science of Healthcare, Medicine and Public Health *

**This module requires access to LinkedIn Learning, which is available once you advance to Alpha milestone.*