

# Microsoft Azure AI Fundamentals/Artificial Intelligence

# An Introduction

**Being a core feature of many business, Artificial Intelligence is aimed towards improving the current commercial scenario.**

**In our course, you will learn the current and future practice of implementing AI into different technologies and enhance your understanding of the field. You will also work towards exploring the relations between AI and the human mind, and practically build your skills in the field.**

# WHY WAYSPIRE?

- ✓ **Essential Skills :**  
Must-know skills to make your professional routine easier.
- ✓ **Certifications :**  
From the most reputed Institutions in India.
- ✓ **What Next ?**  
There is a high demand for mastering your everyday skills in IT, analytics, designing and more.
- ✓ **Thinking Of Masters ?**  
Thousands of expert approved courses just for you.



# COMPREHENSIVE FEATURES

**24 HOURS**

**30-35 HOURS**

**2**

**On Demand  
Videos**

**Interactive  
Sessions**

**Projects**

**2**

**24 X 7**

**5**

**Assignments**

**Support  
Forum**

**Ceritications**

**Placement Assistance**

**Resume Building**

# PHASES OF MASTERY:

## MODULE-1

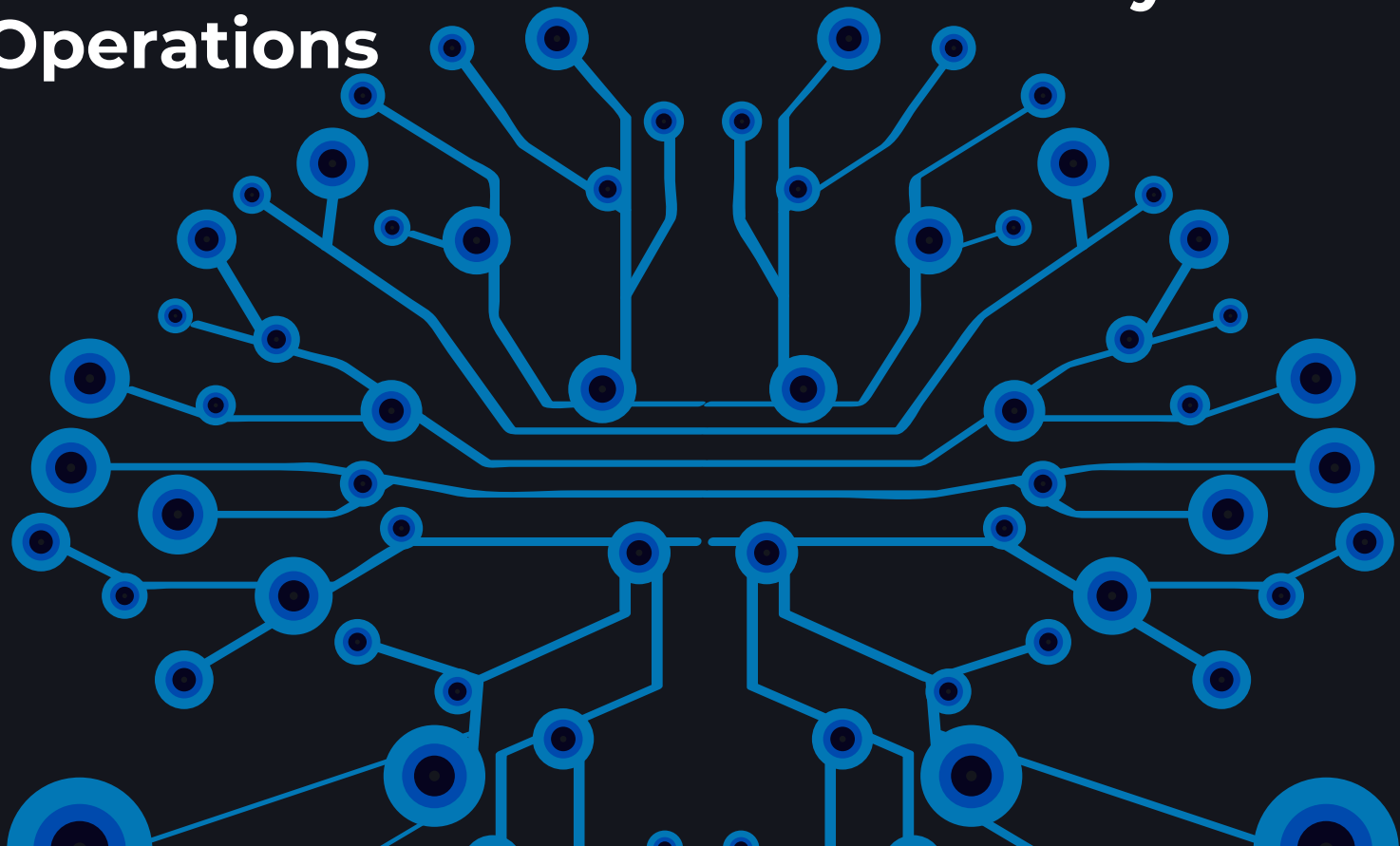
- Introduction to Python
- Python Installation (Jupyter Notebook)
- Python Operators
- Python String Operations
- Python Conditional Statements
- Python Break and Continue Statements
- Python Loops
- Python Functions
- User Defined Functions
- Lambda Functions





## MODULE-2

- **Lists**
- **List Operations**
- **Tuples**
- **Tuples operations**
- **Sets**
- **Sets Operations**
- **Dictionaries**
- **Dictionaries Operations**
- **Python Libraries : Introduction to NumPy**
- **NumPy Operations**



## MODULE-3

- **Python Libraries : Introduction to Pandas**
- **Operations on Pandas Data frame**
- **Visualization ( Seaborn, Plotly)**
- **Mini Project (Individual Project)**
- **Introduction to Machine Learning**
- **Introduction to Regression**

## MODULE-4

- **Linear Regression**
- **OLS**
- **Multiple Linear Regression**
- **The 5 Assumptions**
- **(Autocorrelation, Linearity, Endogeneity, Homoscedasticity, Multicollinearity)**

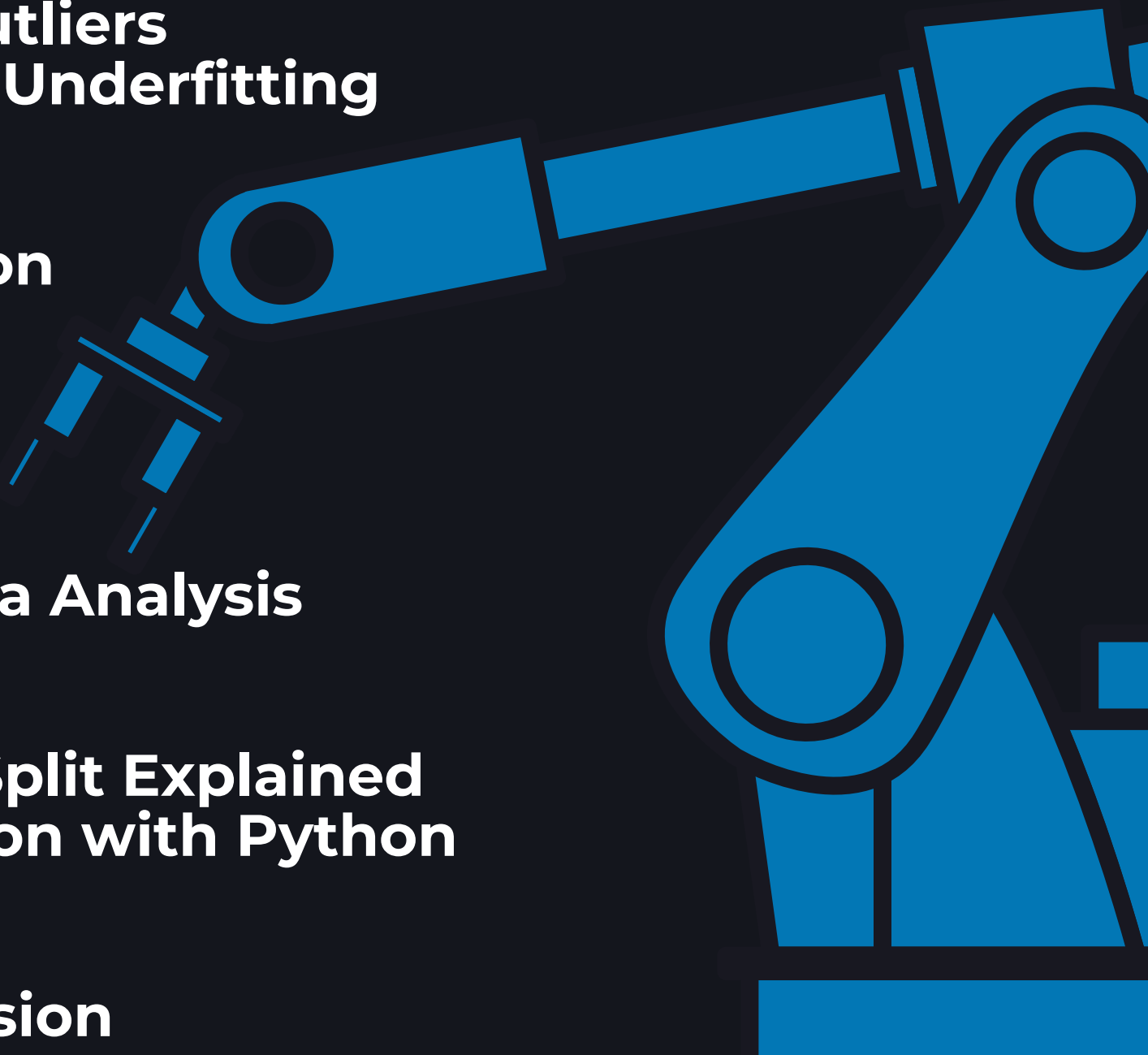


## MODULE-5

- Data Understanding
- Normalization
- Mean, Median, Mode , IQR, Standard Deviation, Variance)
- Data Preparation (Categorical, Numerical)
- Data Cleaning(Dealing with Missing Values, categorical columns)
- Dealing with Outliers
- Overfitting and Underfitting
- Feature Selection

## MODULE-6

- Exploratory Data Analysis
- Train and Test Split Explained
- Linear Regression with Python
- Logistic Regression





## MODULE-7

- Logistic Regression with Python
- Project
- Azure Portal Introduction for Beginners
- Classification Vs Regression
- Random Forest Classifier

## MODULE-8

- Random Forest with Python
- Decision Tree
- Decision Tree Vs Random Forest
- Decision Tree With Python



## **MODULE-9**

- **Azure Portal Introduction For Beginners**
- **AI Workloads and Considerations**
- **Fundamentals Of Machine Learning with Microsoft Azure**

## **MODULE-10**

- **Fundamentals Of Machine Learning with Microsoft Azure - 2**
- **Describe Feature of Computer Vision Workloads**
- **Describe Feature of Computer Vision Workloads - 2**

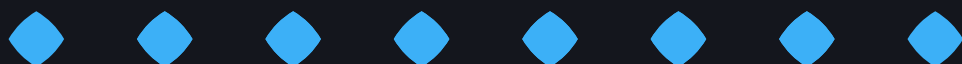
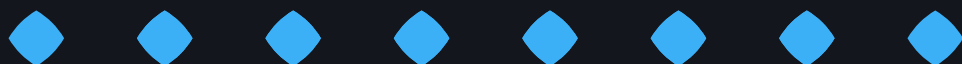
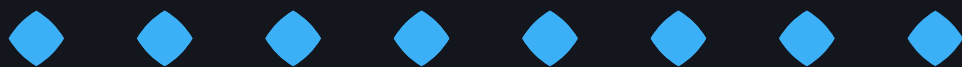
# MODULE-11

- **NLP Workloads and Considerations**
- **NLP Workloads and Considerations – 2**



# OUR KEY FEATURES

- Portfolio-worthy courses involving mastered concepts
- 100% Online - Learn in groups of likeminds.
- Doubt- clearing and mentor sessions.
- Complimentary smart learning material provided
- Regular Counselling Sessions.
- Training Internship completion Certificate provided
- seperate certificate provided for project completion



# Our Alumni Work At



# **OUR MISSION & VISION**

**WAYSPIRE is committed to educate and nurture all learners so that they can grow towards a secure future to achieve their dreams in a global economy.**

## **Mission:**

**WAYSPIRE's mission is to promote student achievement and preparation for global competitiveness by inculcating educational excellence and ensuring equal access to resources.**

## **Vision:**

**To be the most-preferred education technology solutions provider in the business.**



# CONTACT US :



225, phase - IV, Sector-18, Udyog Vihar  
Gurugram, HR, IND - 122001



[contact@wayspire.in](mailto:contact@wayspire.in)



[www.wayspire.in](http://www.wayspire.in)



+91 8130927999

# FOLLOW US :



[@wayspire.in](https://www.instagram.com/wayspire.in)



[Wayspire](https://www.linkedin.com/company/wayspire)