



EDUFYI TECH SOLUTIONS

# FULL STACK WEB DEVELOPMENT

PROGRAM TYPE

**PROFESSIONAL**



Our Alumni work at



# WHO ARE WE?

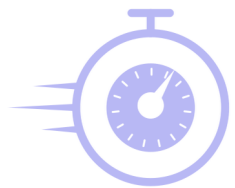
At **Edufyi Tech Solutions**, we are dedicated to transforming the educational journey for college students by offering cutting-edge virtual internships and comprehensive training programs. Our approach combines industry mentorship with practical experience, providing each student with six real-time and capstone projects per course or domain. These projects are designed to equip students with the skills and experience needed to secure their dream jobs upon graduation



# WHY CHOOSE US?



Our unique features are:



Choose  
your Speed,  
Master the Skills



Industry  
Project  
Playground



Resume  
Building & Aptitude  
Grooming



Learn from  
Industry Mentors  
from MNCs &  
Startup Founders



100% Placement  
Assistance



Exclusive R&D  
learning content  
from leading MNCs



Unlimited  
Mocks  
& GDs



24\*7  
Dedicated  
Support



Wipro Dice ID  
Accredited  
Globally Recognized  
Certifications



Get your  
Internship with  
150+ Companies



1:1 Counselling  
Sessions



Additional  
Certifications from  
Microsoft, Cisco, IBM,  
Adobe, etc



Certified  
Bootcamps  
& Webinars



Lifetime  
Personalized Learning  
Management System  
(LMS)



Access recorded  
lectures Anytime,  
Anywhere!!



Skill Up & Cash In  
with Performance  
Based Stipend



Mentorship by  
industry experts  
via live sessions



Access  
to our  
Hiring Partners



# WHAT IS WEB DEVELOPMENT?

**Web Development**, also known as website development, refers to the tasks associated with creating, building, and maintaining websites and web applications that run online on a browser. It may, however, also include web design, web programming, and database management. Web Development is closely related to the job of designing the features and functionality of apps (web design). The term development is usually reserved for the actual construction of these things (that is to say, the programming of sites).





# SCOPE OF WEB DEVELOPMENT

The Web Development Market size is to grow from **USD 6.9 billion in 2021** to **USD 14.3 billion by 2030**, at a Compound Annual Growth Rate (CAGR) of 25.7% during the forecast period. This program will advance your career as a Full Stack Developer.

You'll learn to build and deploy interactive applications and services, explore the advanced concepts of Frontend and Backend development, and apply them in real-time web applications. Design dynamic websites and make your own scalable Portfolio website.



# CAREER OPPORTUNITIES



- Applications Developer
- Game Developer
- Multimedia Programmer
- Web Content Manager
- UX Designer and Researcher
- Frontend Developer
- Backend Developer



# HOW CAN YOU START YOUR JOURNEY AS A WEB DEVELOPER?

Enrol in Edufyi Tech Solutions specialised program of Industrial Training and Internship in collaboration with 150+ partnered companies. Get taught by industry experts and build **6+ real-time projects**. Receive globally accepted certifications and enhance your job opportunities through our placement assistance program.



# SPECIALISED PROGRAM CURRICULUM



## INDUSTRIAL TRAINING

### ● Session 1

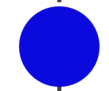
- Introduction to Full Stack Web Development
- What is Mern Stack
- Components of Mern Stack
- HTML
- CSS
- Javascript
- React.js
- Node.js
- Express.js
- Mongo DB





## Session 2

- Introduction to HTML
- Creating webpage with HTML
- What are tags
- Basic format of webpage



## Session 3

- HTML Attributes
- What is HTML Attributes
- Usecases of HTML Attributes
- Style Attributes
- 



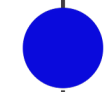
## Session 4

- HTML Formatting Elements
- What is Formatting Elements
- Types of Formatting Elements
- Usecases of HTML Formatting Elements
- 



## Session 5

- Hyperlinks and Images
- What are Hyperlinks
- Usecases of Hyperlinks
- Understanding HTML Images
- Usecases of HTML Images



## Session 6

- HTML Lists
- What are HTML Lists
- Types of HTML Lists
- Understanding with Applications
- 
- 





## Session 7

- HTML Tables

- What are HTML Tables

- What are table cells

- Creating a table in HTML

- Storing data in table format

## Session 8

- HTML Inputs What are HTML

- Inputs Case study of Ignou Text

- Inputs Usecase Number Input

- Usecase Checkbox Input

- Usecase Radio Button Input

- Usecase Password Button Input

- Usecase

## Session 9

- CSS

- What is CSS

- Designing a Webpage

- CSS Syntax

- Understanding functions of CSS

- CSS Selectors

## Session 10

- CSS - Comments

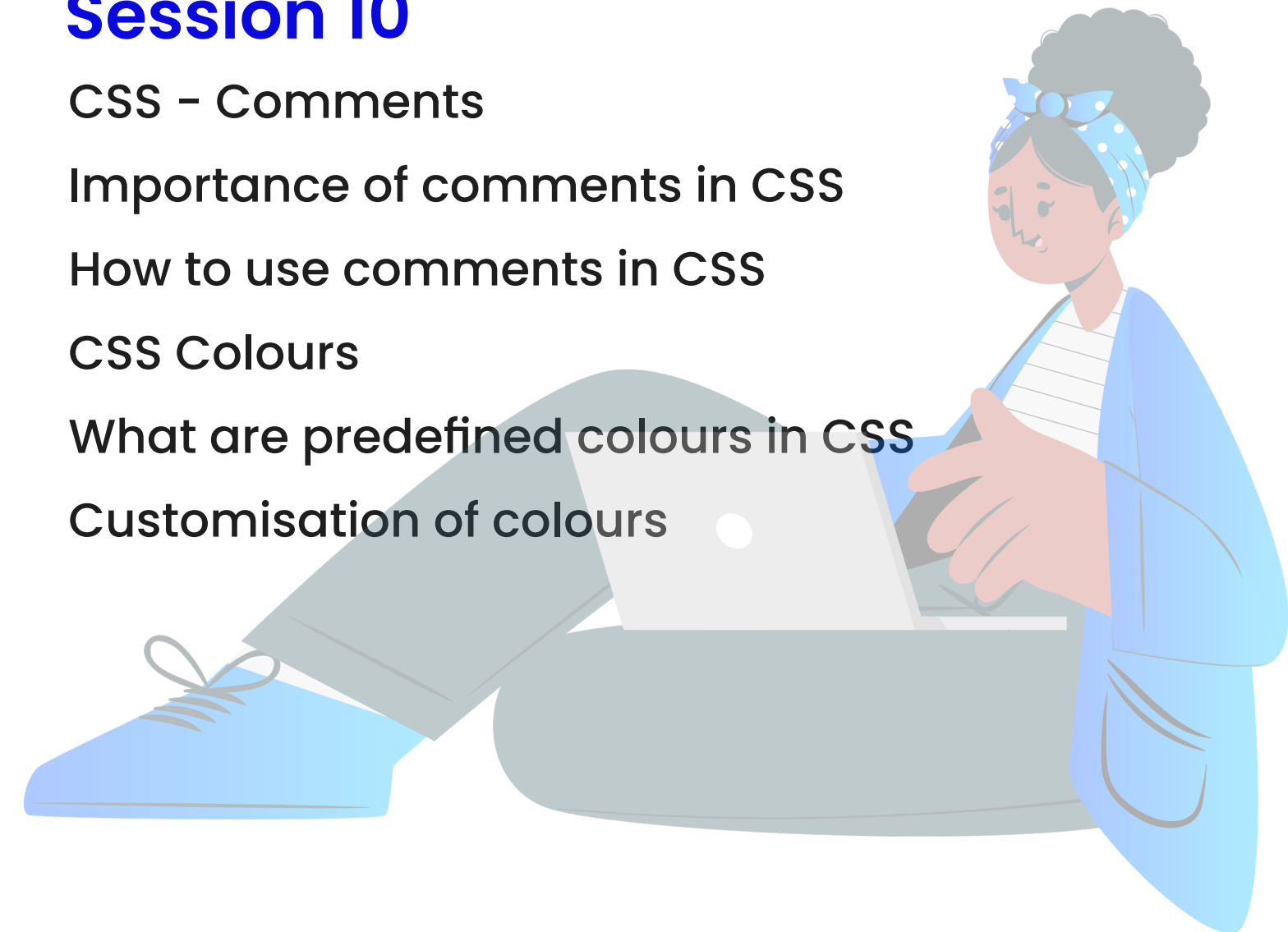
- Importance of comments in CSS

- How to use comments in CSS

- CSS Colours

- What are predefined colours in CSS

- Customisation of colours



## Session 11

- CSS – Backgrounds and Borders
- How to set images as Background
- Using Container
- Adding Borders

## Session 12

- CSS – Margins and Padding
- Usability of Margin and Padding
- Implementation of Margin and Padding
- Height and Width Property

## Session 13

### Kickstarting JavaScript

- What is JavaScript
- Understanding Syntax
- Implementation of javaScript via HTML and CSS

## Session 14

- Basic Functions of JavaScript
- Understanding Var, Let and Const keywords
- Coding with JavaScript

## Session 15

### JavaScript Operators

### What are JavaScript Operators

- Types of Operators
- Understanding usage using examples
- Execution of Operators

## Session 16

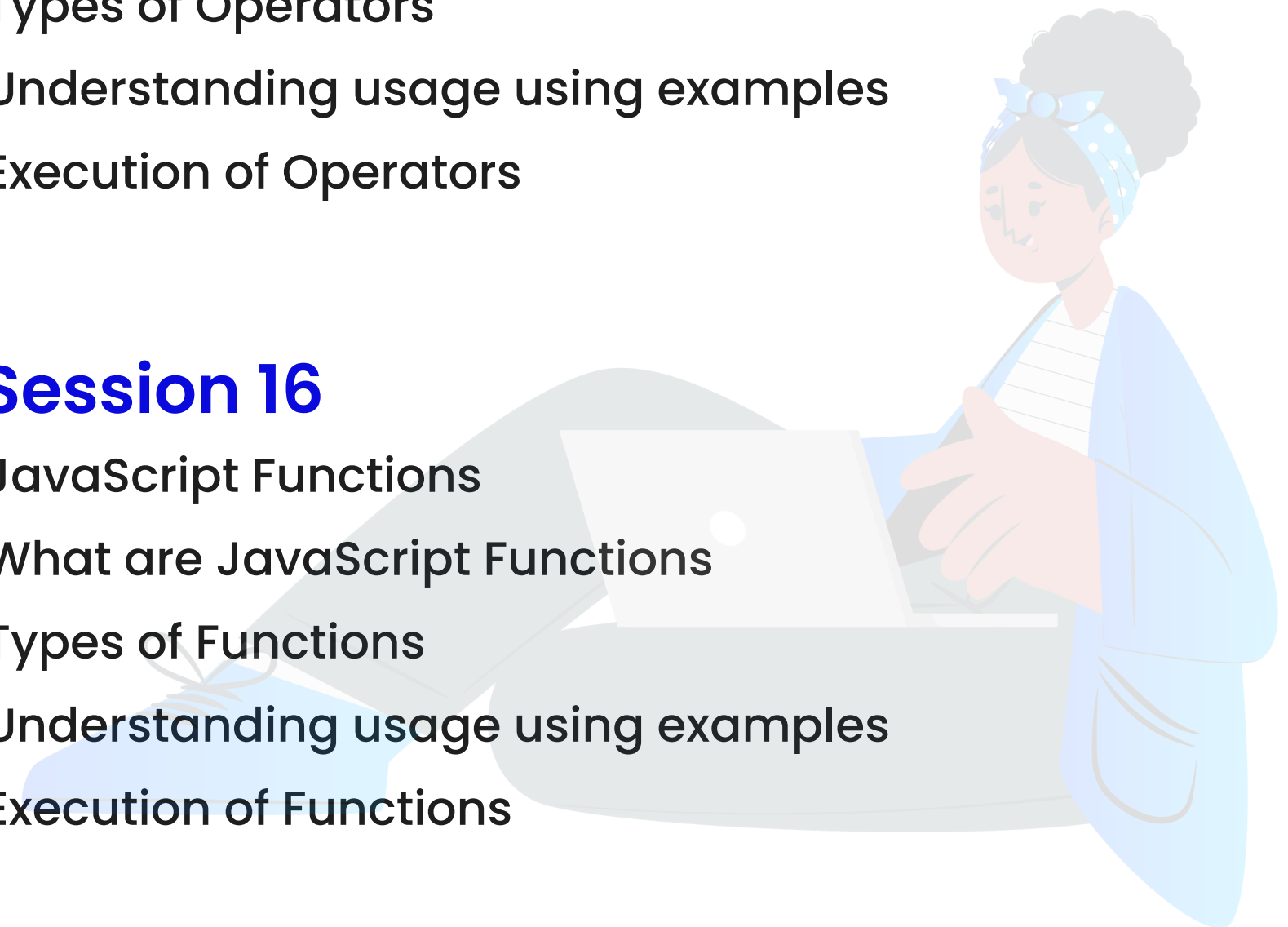
### JavaScript Functions

### What are JavaScript Functions

### Types of Functions

### Understanding usage using examples

### Execution of Functions



## ● Session 17

- JavaScript Control Statements
- Relevance of Control Statements
- Types of Control Statements
- Understanding with Applications

## ● Session 18

- JavaScript Switch Statement
- Applications of Switch Statements
- Execution of Switch Statements

## ● Session 19

- JavaScript Looping Statements
- Relevance of Looping Statements
- Types of Looping Statements
- Understanding via usecases
- Execution of Loops

## Session 20

JavaScript Arrays

What is a JavaScript Array

Creating an Array

Understanding via a Program

## Session 21

JavaScript JSON

What is a JavaScript JSON

Features and Usability of JSON

Storing arrays in JSON

Execution with the help of JSON



## ● Session 22

- JavaScript Object Oriented Programming
- What is Object Oriented Programming
- Understanding property and behaviour of objects
- What is a class
- Creating an Object
- Understanding using examples

## ● Session 23

- Kickstarting React.Js
- What is React.Js and applications
- Installation of React.Js
- Understanding Visual Studio Code

## ● Session 24

- React.Js Components
- Understanding React.Js Components
- Casestudy of Amazon.in
- What are external components

## ● Session 25

- React.Js Props
- What are React.Js Properties
- Detailed understanding with a Sample Code

## ● Session 26

- Limitation of Props
- Exporting multiple components
- React.Js States
- Updating React.Js States

## ● Session 27

- React.Js Events
- What is an event
- Difference between Reach Js and JavaScript events
- Using multiple Functions

## ● Session 28

- React.Js Forms
- What are React.Js Forms
- Features of Forms
- Handling and Working of Forms
- Understandig execution via a sample program

## ● Session 29

- Kickstarting Node.Js
- Limitation of Java Script
- What is Node.Js
- Applications of Node.Js
- Installation of Node.Js
- Execution of a Node File

## ● Session 30

- Node.Js Modules
- Basics of Node Modules
- Installation of Node Modules
- Importance of Node Modules
- Use of Node Modules
- Creating Node Modules
- Understaing with an example



## ● Session 31

- Node.Js HTTP Module
- Relavance and Applications of HTTP Module
- Implementation of HTTP Module
- Understanding use via a Realtime example

## ● Session 32

- Node.Js Forms
- Application of Forms
- Creating Forms

## ● Session 33

- Node.Js File System Module
- What is a FSM
- Applications of FSM
- Understanding Execution via a program

## ● Session 34

- Kickstarting Express.Js
- What is Express.Js
- Understanding MVC Approach
- Installation of Epress.Js
- How to use Express.Js

## ● Session 35

- Express.Js Requests and Reponse
- What are Request and Response Objects
- Applications of Request and Response Objects
- Understanding via a Proqram

## **Session 36**

Express.Js Sessions and Cookies

What are Sessions and Cookies

Applications of Sessions and Cookies

Understanding usability in a Program

## **Session 37**

Kickstarting MongoDB

What is MongoDB

Difference between SQL and  
non-SQL databases

Installation of Database

Beginning with server of MongoDB

## **Session 38**

Deep Diving into MongoDB

Connecting MongoDB with Node.Js

Running crude commands in

MongoDB with NodeJs

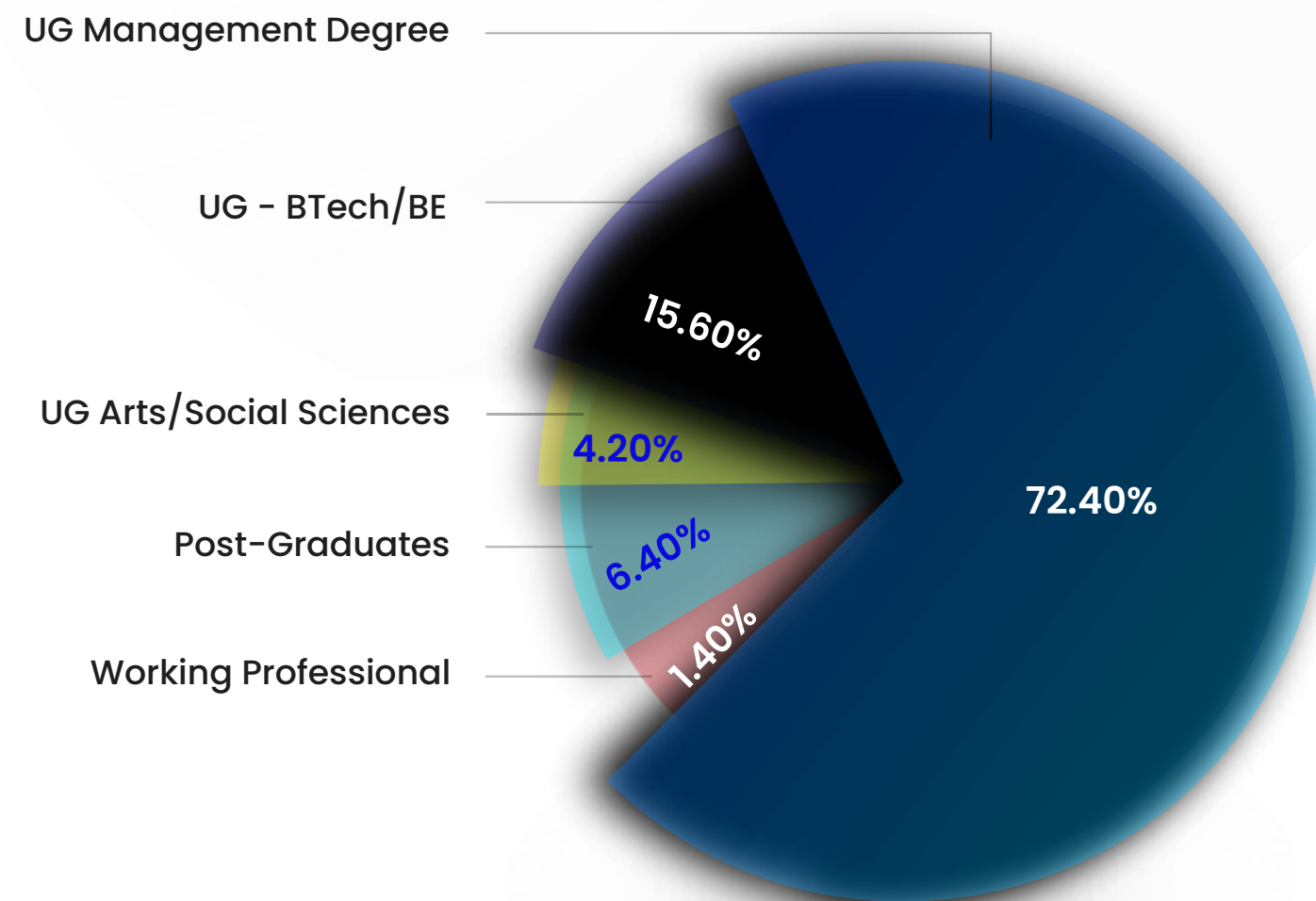
**QUIZ**

## **ADVANCE INTERNSHIP PROJECTS**

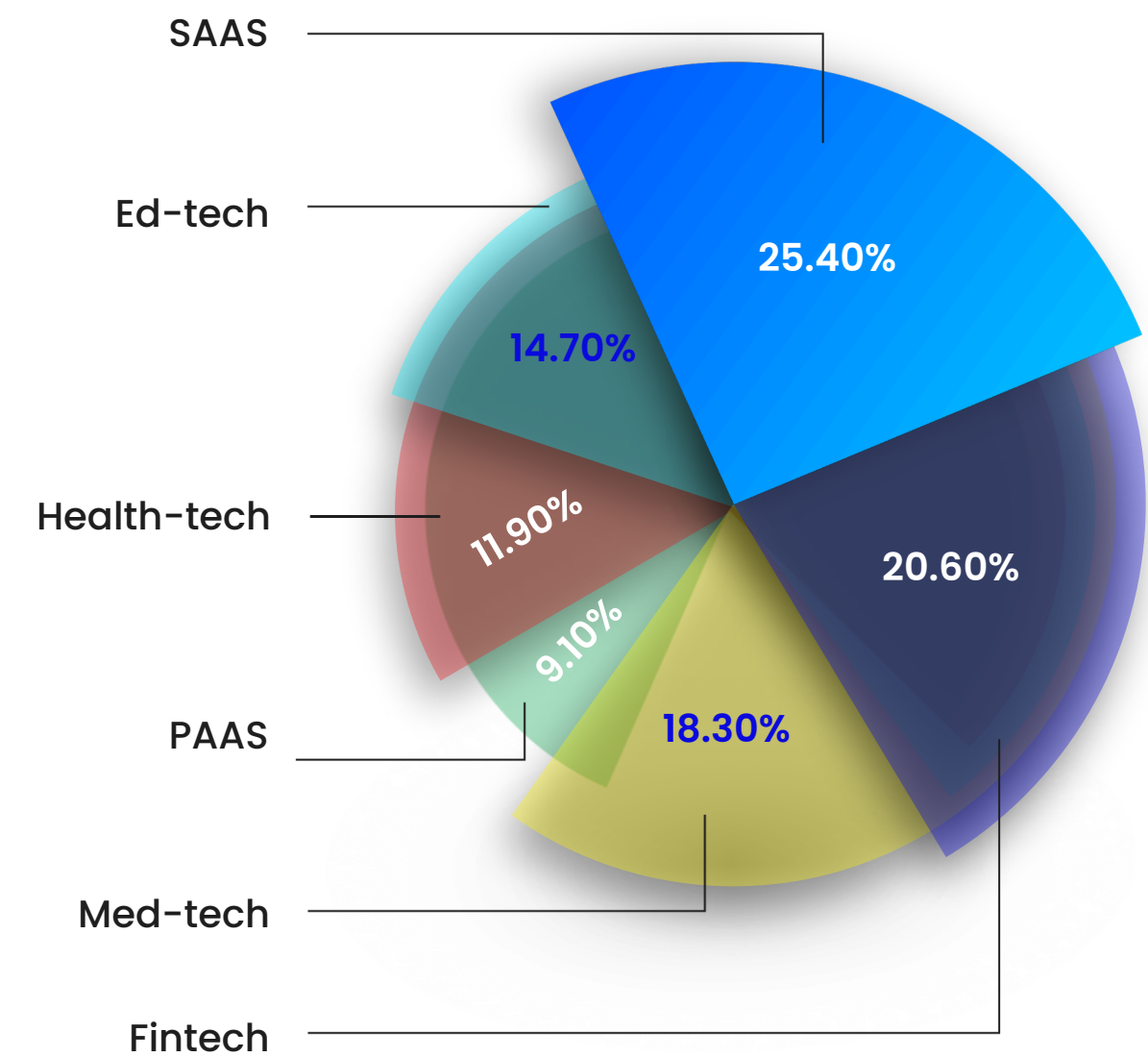
- **Project 1**
- **Project 2**
- **Project 3**
- **Project 4**
- **Project 5**
- **Project 6**



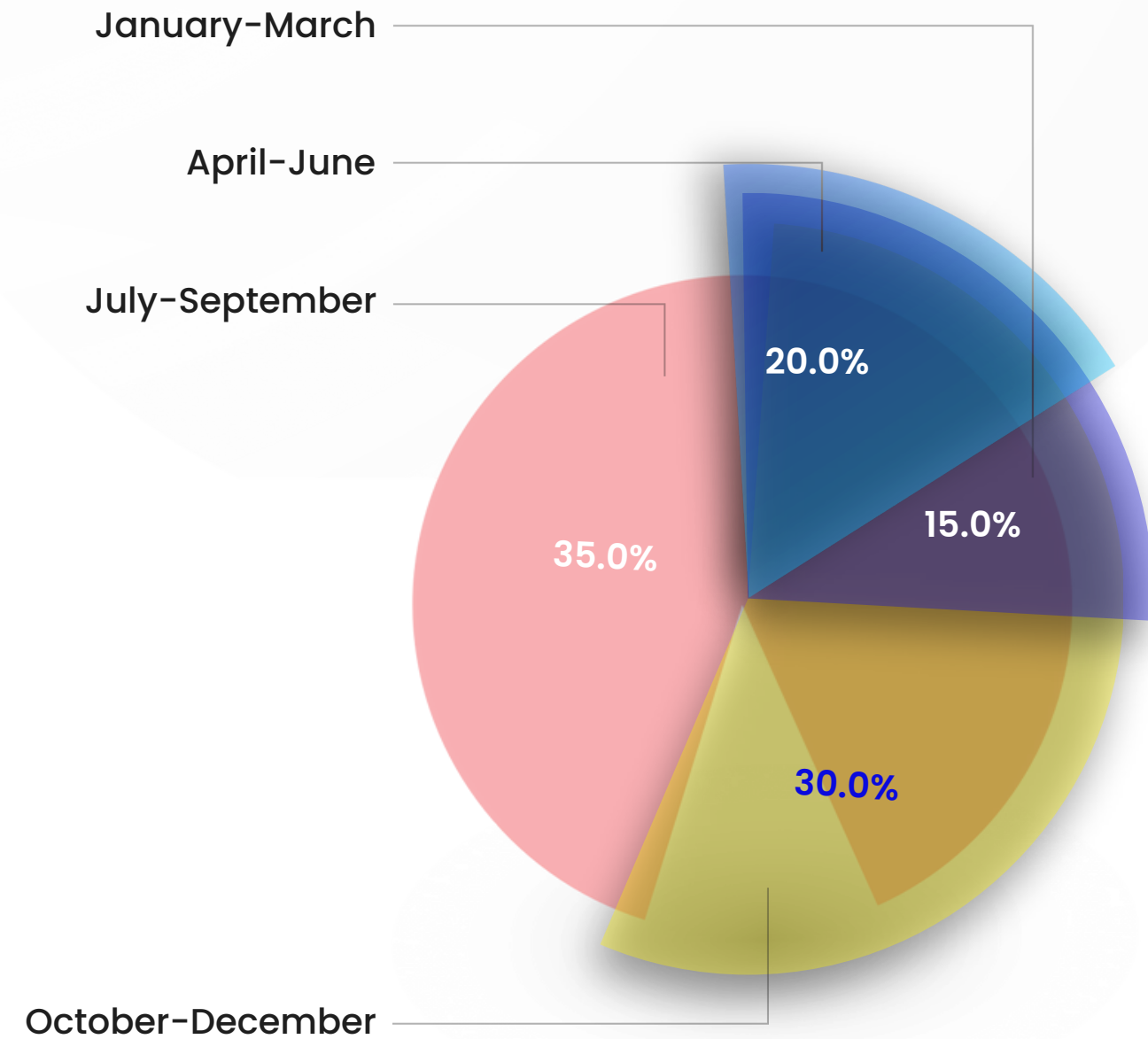
## LEARNER'S BACKGROUND



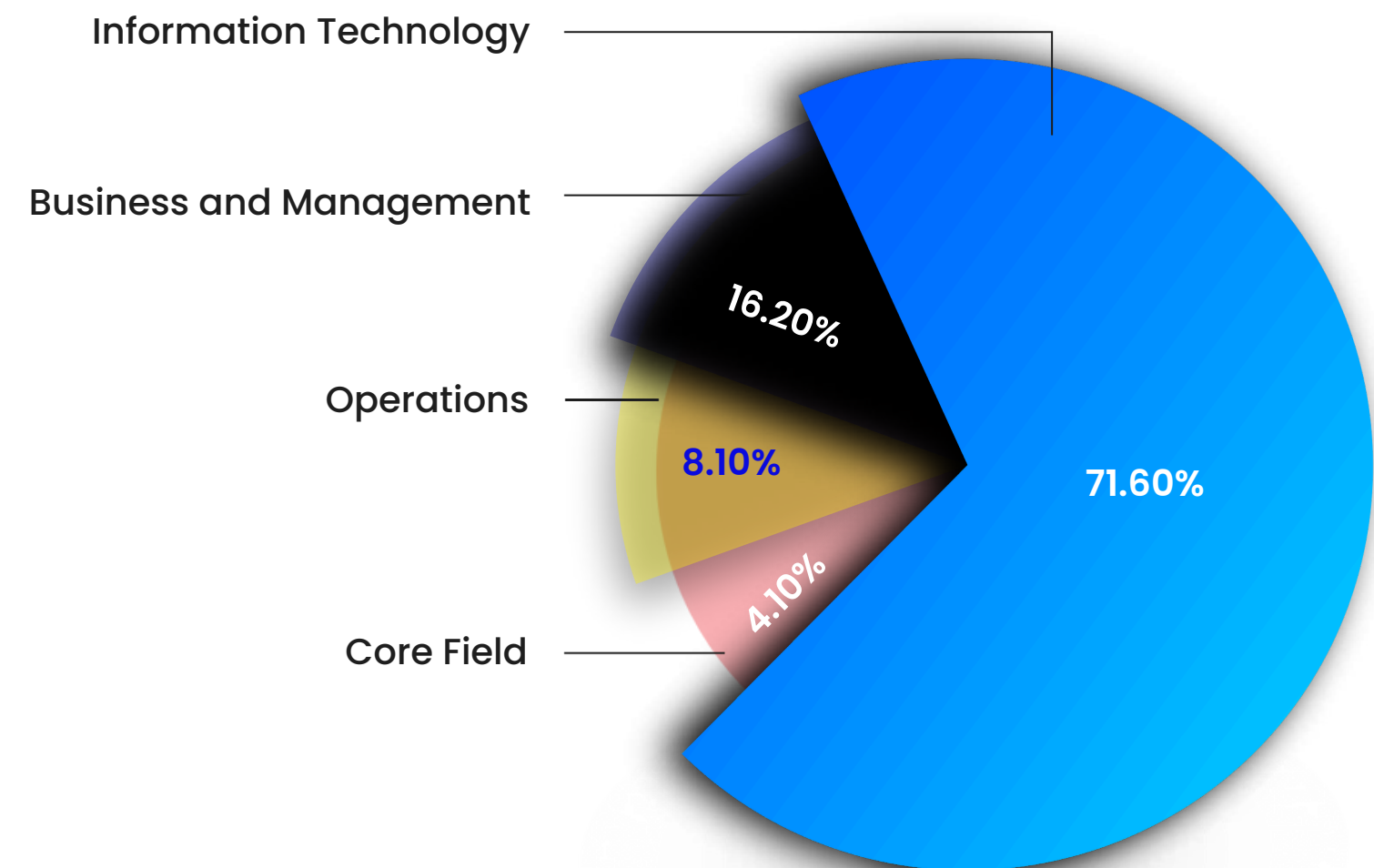
## PLACEMENTS RATIO OFFERED AS PER INDUSTRY



## QUATERLY PLACEMENT ANALYSIS REPORT



## OFFERED PROFILES & FIELDS VIA EDUFYI

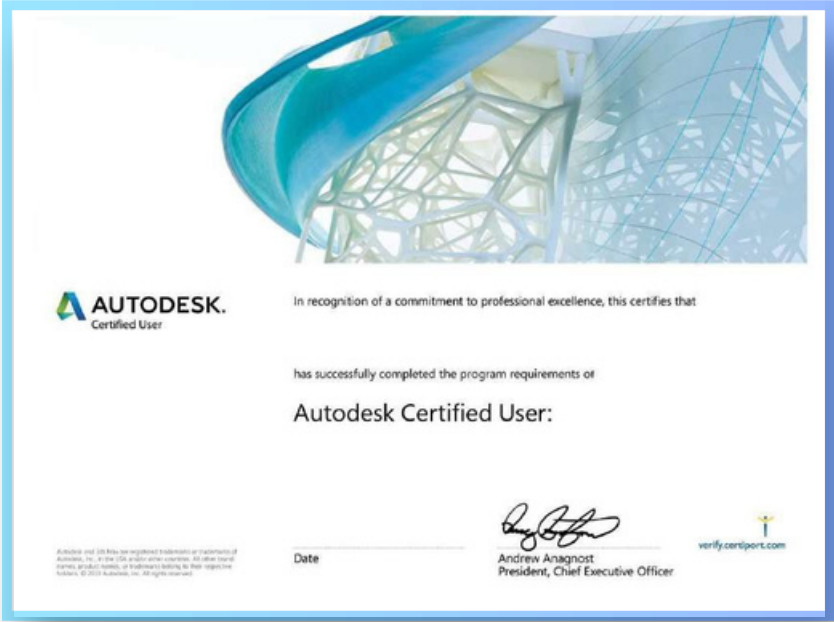
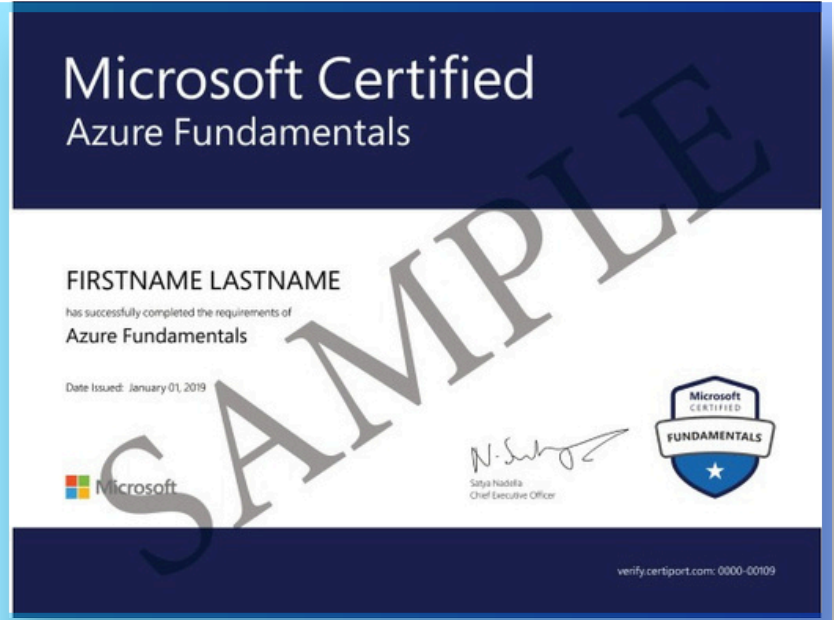




# WIPRO DICE ID ACCREDITED CERTIFICATIONS



# PROFESSIONAL MNC CERTIFICATIONS



# OUR AUTHORISED CERTIFICATION PARTNERS



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