



EDUFYI TECH SOLUTIONS

DATA ANALYTICS

PROGRAM TYPE

PROFESSIONAL

Our Alumni work at



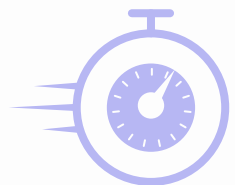
WHO ARE WE?

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



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Accredited
Globally Recognized
Certifications



Get your
Internship with
150+ Companies



1:1 Counselling
Sessions



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



Certified
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& 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 BUSINESS ANALYTICS?

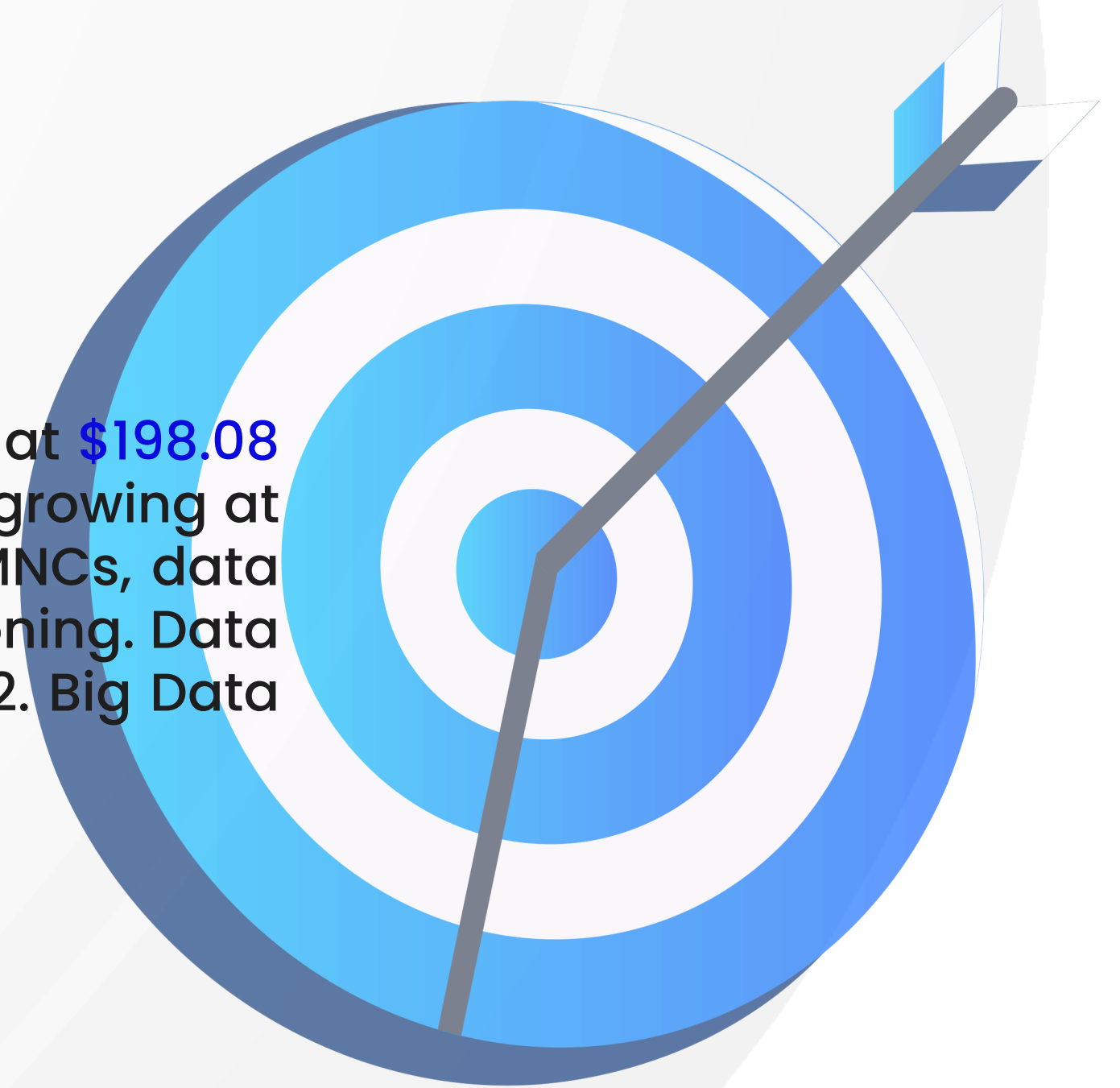
Data Analytics is the process by which businesses use statistical methods and technologies for analyzing historical data in order to gain new insight and improve strategic decision-making. It refers to the use of methodologies such as data mining, predictive analytics, and statistical analysis in order to analyze and transform data into useful information, identify and anticipate trends and outcomes, and ultimately make smarter, data-driven business decisions.



SCOPE OF BUSINESS ANALYTICS



The global big data and Data Analytics market size was valued at **\$198.08 billion** in 2020, and is projected to reach **\$684.12 billion** by 2030, growing at a CAGR of 23.5% from 2021 to 2030. From small businesses to MNCs, data analytics plays a vital role and the end-to-end profitable functioning. Data Analytics has its scope in a wide range of fields: 1. Automation 2. Big Data Analytics 3. Artificial Intelligence 4. Cloud Computing 5. IoT, etc.



CAREER OPPORTUNITIES

- Market Research Analyst
- Business/Analytics translator
- Data Analyst Application
- Architect Category Manager
- Analyst – Business Intelligence
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HOW CAN YOU START YOUR JOURNEY IN BUSINESS ANALYTICS?

Enroll in our specialized program, learn from industry experts, get guaranteed internships, job opportunities and work on [6 Advance Industry](#) based projects. Edufyi in collaboration with IITs and partnered companies brings you an opportunity to excel in Data Analytics. This specialization helps you to explore an organization's data, with an emphasis on statistical analysis for decision-making. Learn Business Analytics, problem-solving skills with real-world projects and applications.



SPECIALISED PROGRAM CURRICULUM

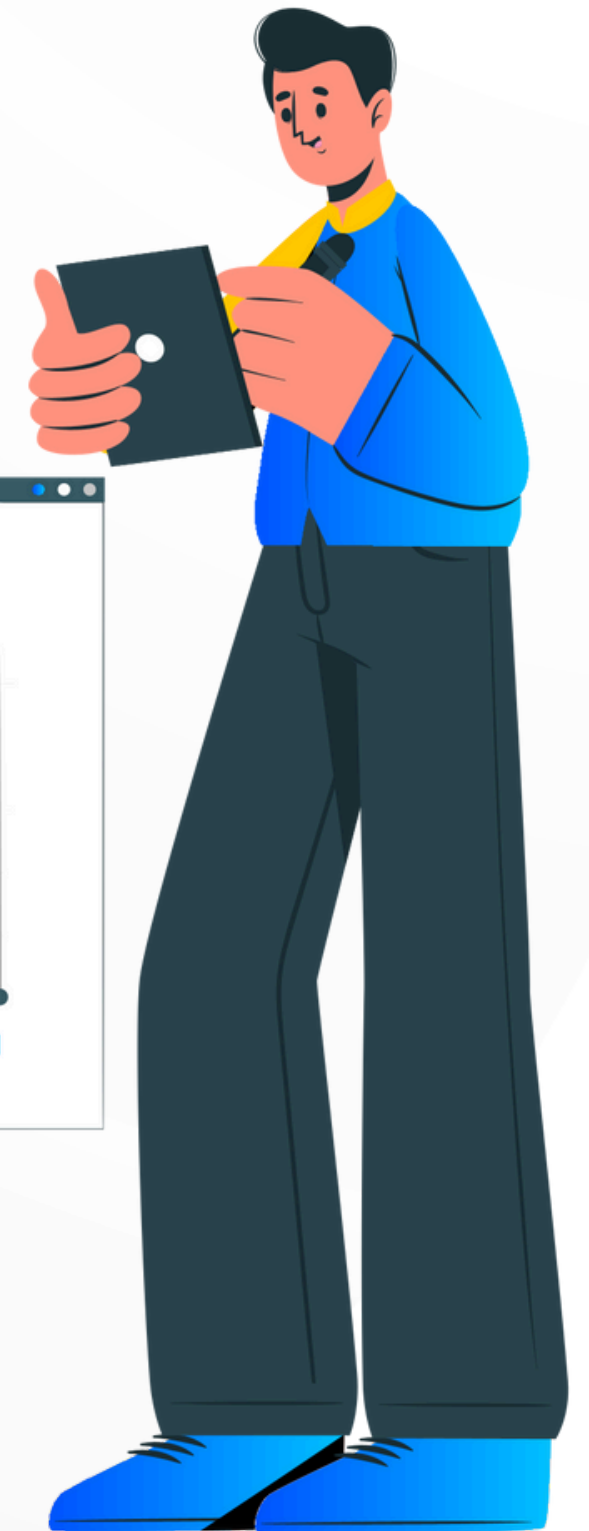
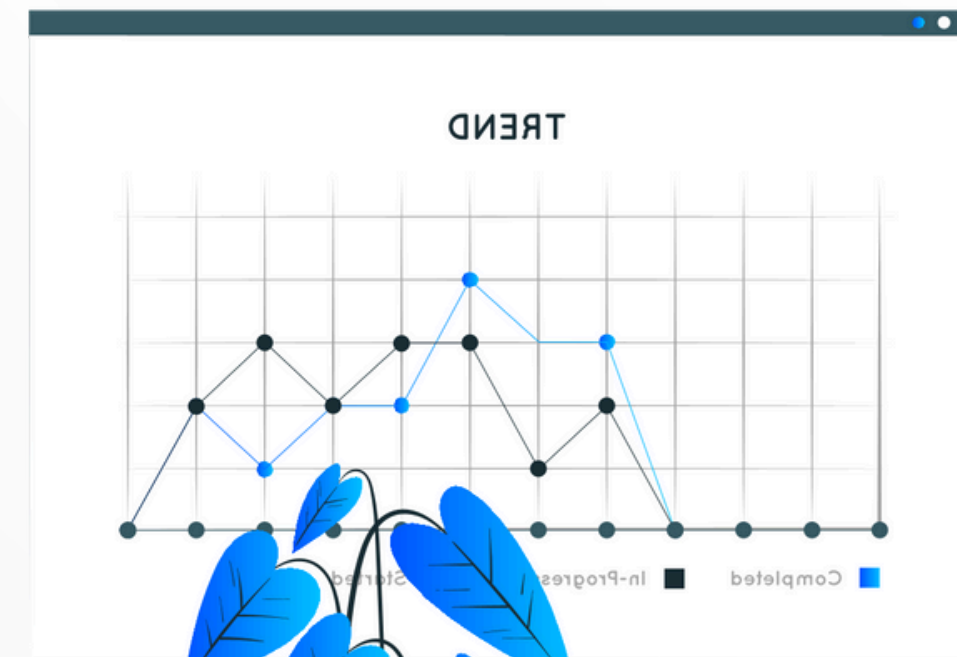
INDUSTRIAL TRAINING

● Session 1

- Introduction to Data Analytics
- Data Analytics in real life

● Session 2

- Analysis vs Analytics
- Data Science vs Data Engineering vs Business Analytics



● Session 3

- Traditional Data vs Big Data
- Traditional Data
- Techniques for Traditional Data
- Big Data
- Techniques for Big Data
- 3Vs – Volume, Variety & Velocity
- Real Life Use Cases

Session 4

- Business Intelligence
- What is Business Intelligence
- Uses of Business Intelligence in real world

● Session 5

- AI, Machine Learning and Deep Learning
- What is AI
- What is Machine Learning
- What is Deep Learning

● Session 6

- Data Warehousing vs Data Mining
- What is Data Warehousing
- What is Data Mining



● Session 7

- Career Path of Data Analyst
- Data Analytics Growth Market
- Career path for a Data Analyst
- Characterstics of effective Data Analyst

● Session 8

- Skills and Tools, Roles and Responsibilities for Data Analyst
- Process flow for a Data Analysis
- Data Analyst – Roles and Responsibilities

● Session 9

- Introduction to Data Analytics With Excel
- Topics to be covered

● Session 10

- Business Problem Case Study:
- Airlines Flight Delays and Cancellation
- Identifying Business Problems

Session 11

- Formatting Introduction to Excel
- Introduction to Formatting in Excel
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● Session 12

- Filtering
- Types of Filter
- Applying Filter in Excel

● Session 13

- Sorting
- What is Sorting
- Applying Sorting in Excel

● Session 14

- Conditional Formatting
- What is Conditional Formatting
- Applying Conditional Formatting in Excel

● Session 15

- Formulas
- Applying Formulas in Excel
- Types of Formulas in Excel

● Session 16

- Cell References
- Usage of Cell Reference in Excel

● Session 17

- Advanced Functions VLOOKUP
- Types of Advanced Functions
- Introduction to VLOOKUP
- Syntax for VLOOKUP function
- Applying VLOOKUP in Excel

● Session 18

- Advanced Functions COUNTIF
- Syntax for COUNTIF function
- Applying COUNTIF in Excel

● Session 19

- Pivot Tables
- Components of a Pivot table
- Steps to create a Pivot table

● Session 20

- Pivot Charts
- Steps to create a Pivot Chart

● Session 21

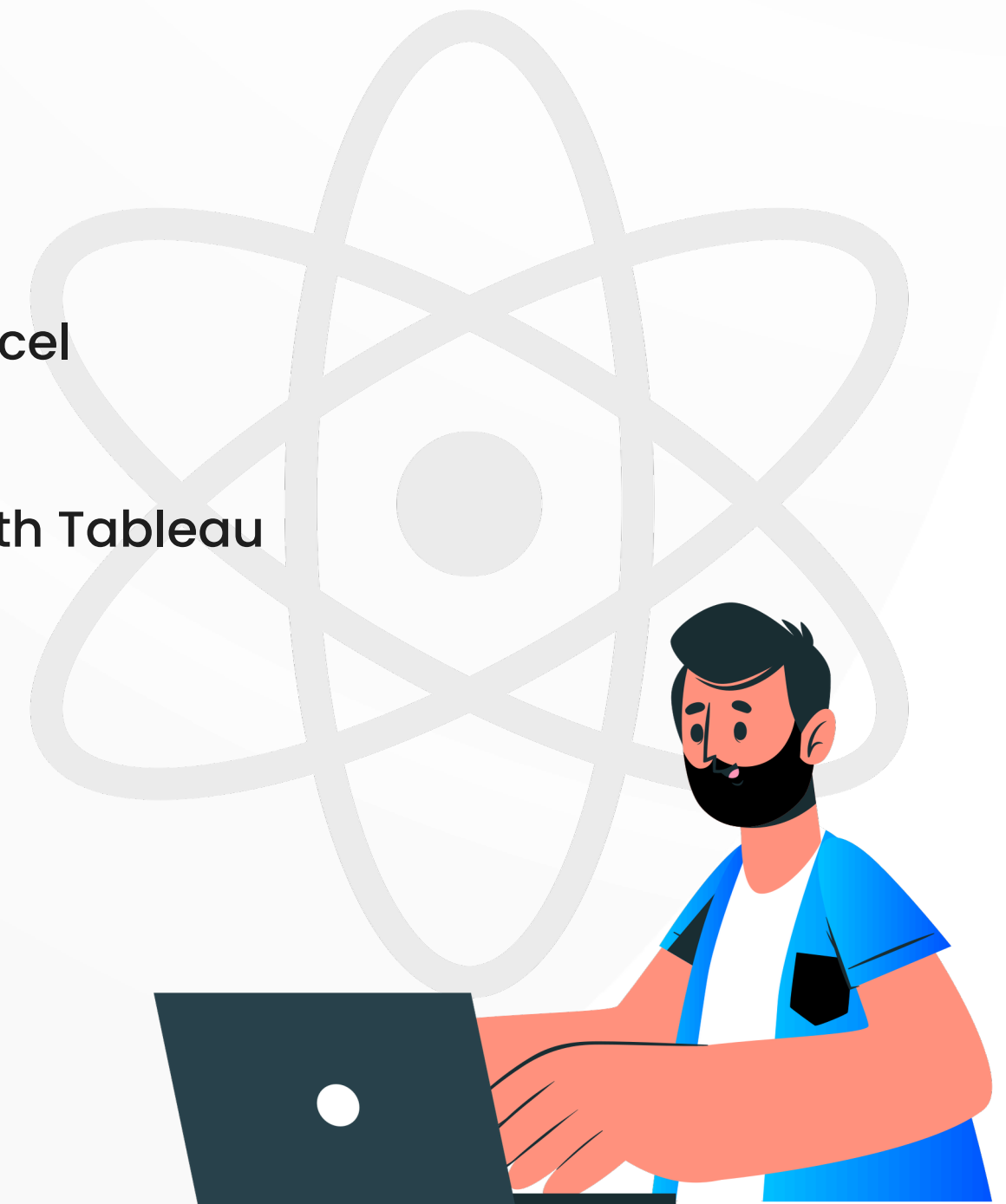
- Data Dashboarding
- Usage of Data Dashboards
- Types of Dashboard
- Steps to create a Data Dashboard in Excel

● Session 22

- Macros in Analytics
- What is Macros
- Applying Macros in Excel

● Session 23

- Business Analytics With Tableau
- Topics to be covered
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● Session 24

- Business Problem Basic Definition and Terminologies, Getting Started with Tableau
- Business Problem Case Study
- Basic Definition & Terminologies
- Getting Started with Tableau

● Session 25

- Data Loading, Data Connection, Tableau Workspace
- Getting Started with Tableau
- Data Loading in Tableau
- Types of Data Connection
- Features of Tableau Workspace

● Session 26

- Calculated Fields, Chart 1 Profitability across regions
- Calculated Fields in Tableau
- Creating a Calculated Field on Tableau

● Session 27

- Marks in Tableau
- Types of Marks in Tableau
- Working of Marks in Tableau

● Session 28

- Filters in Tableau
- Types of Filters in Tableau
- Steps to Create Region Filter
- Formatting in Tableau

● Session 29

- Parameters in Tableau, Chart 2
Sales/Profit across
Segment/Categories
- Sales and Profit Trend by Segment
and Product Categories
- Parameters in Tableau
- Creating Paramaters for the Chart

● Session 30

- Chart 3 Customer Analysis
- Customer Analysis
- Creating a Cusotmer Analysis
Dashboard in Tableau

● Session 31

- Sorting
- Steps to Sort items in a table/Chart
- Table Calculations

● Session 32

- Chart 4 Sales Performance
across Targets, Data Blending
- Dashboard – Performance Analysis
against the Sales Target
- Data Blending
- Steps to do Data Blending
- Overview of Tableau



QUIZ

ADVANCE INTERNSHIP PROJECTS

Project 1

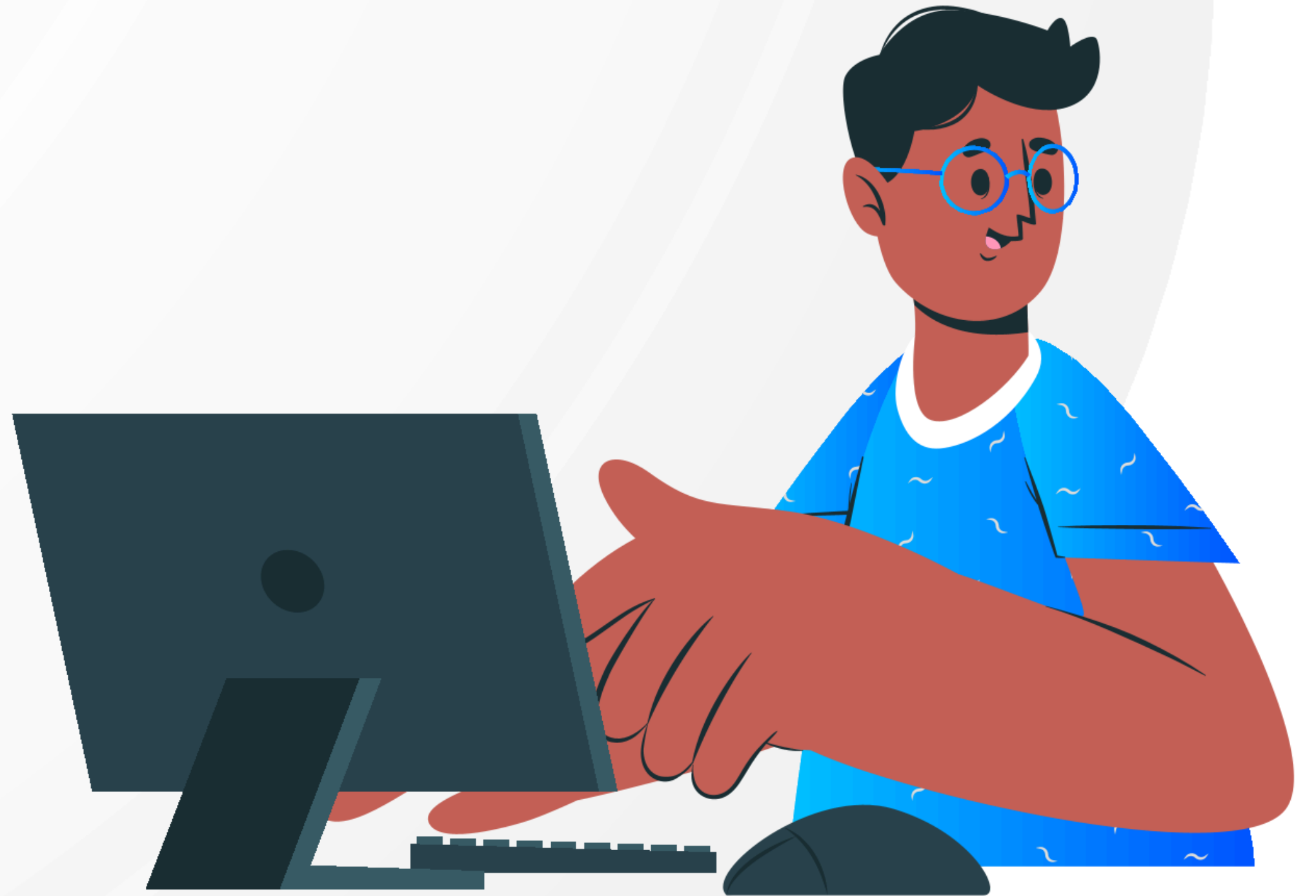
Project 4

Project 2

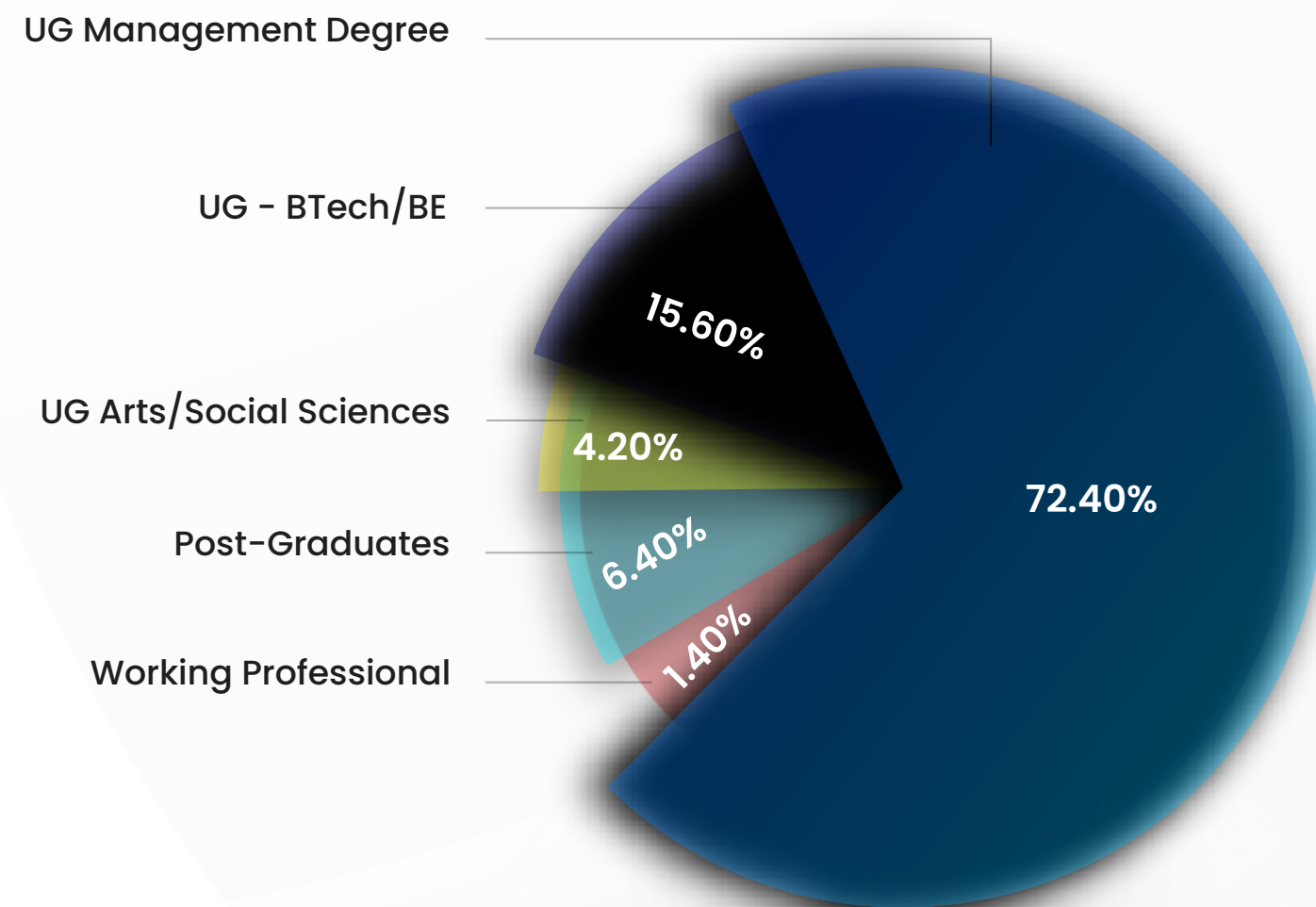
Project 5

Project 3

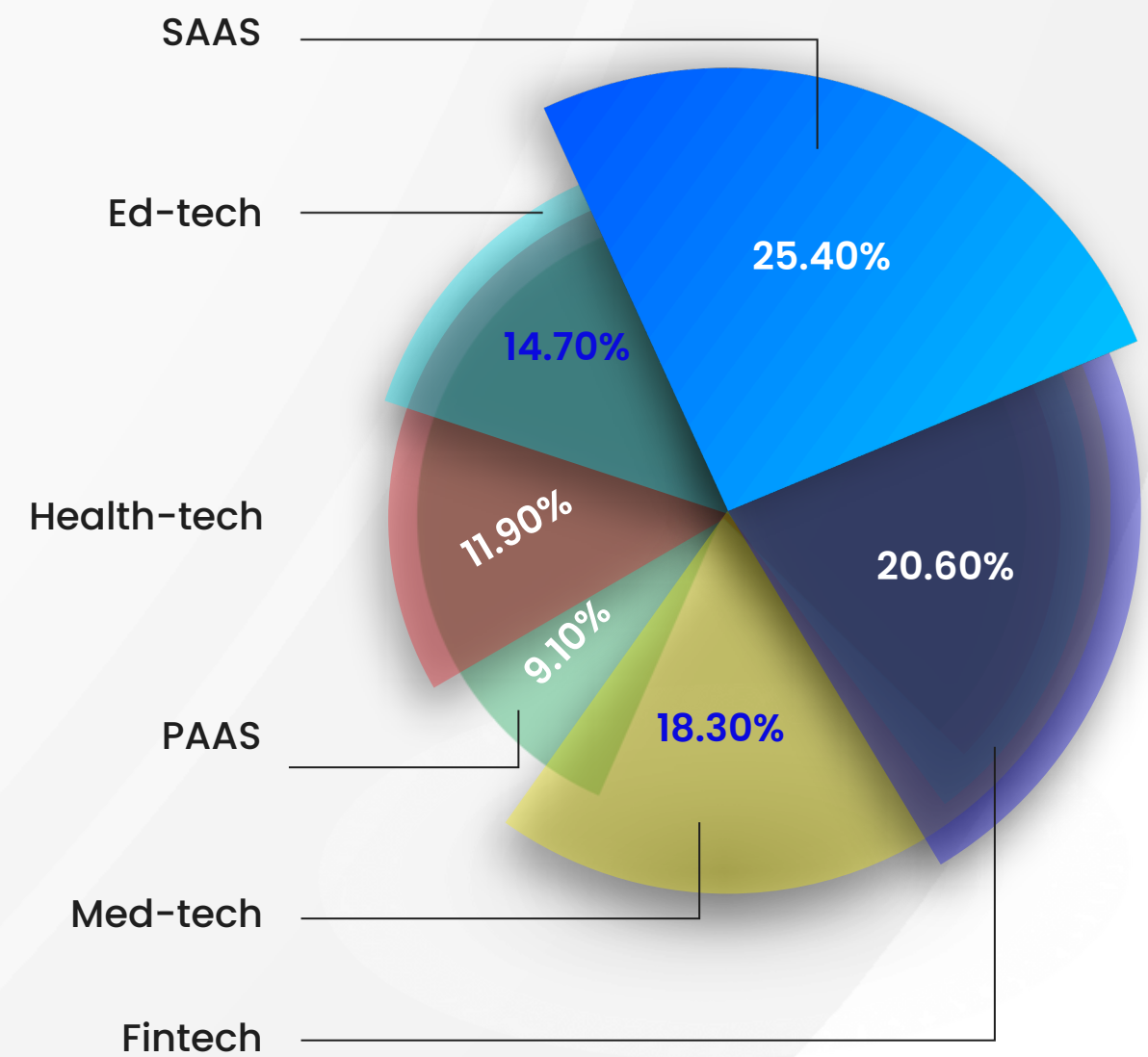
Project 6



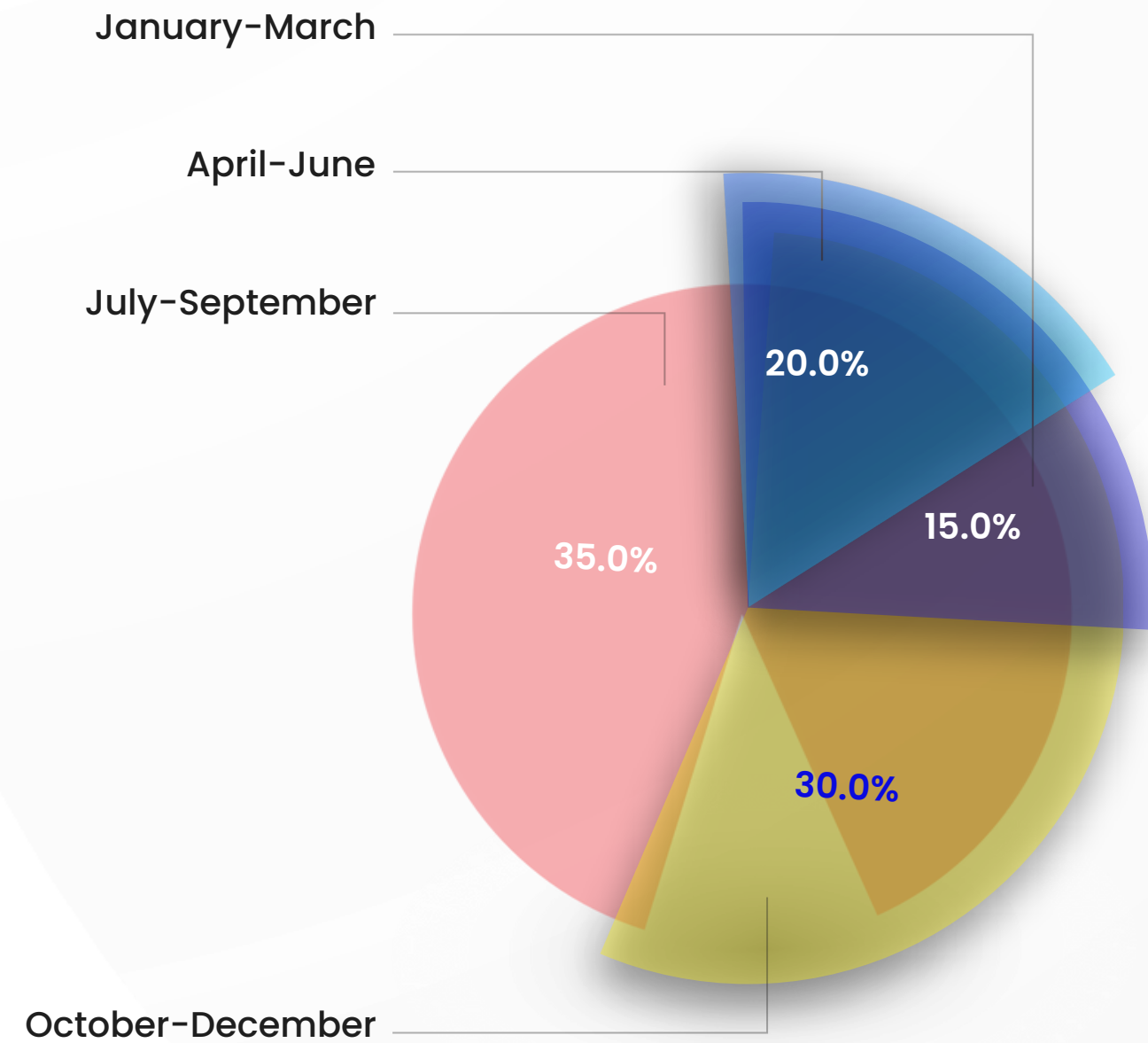
LEARNER'S BACKGROUND



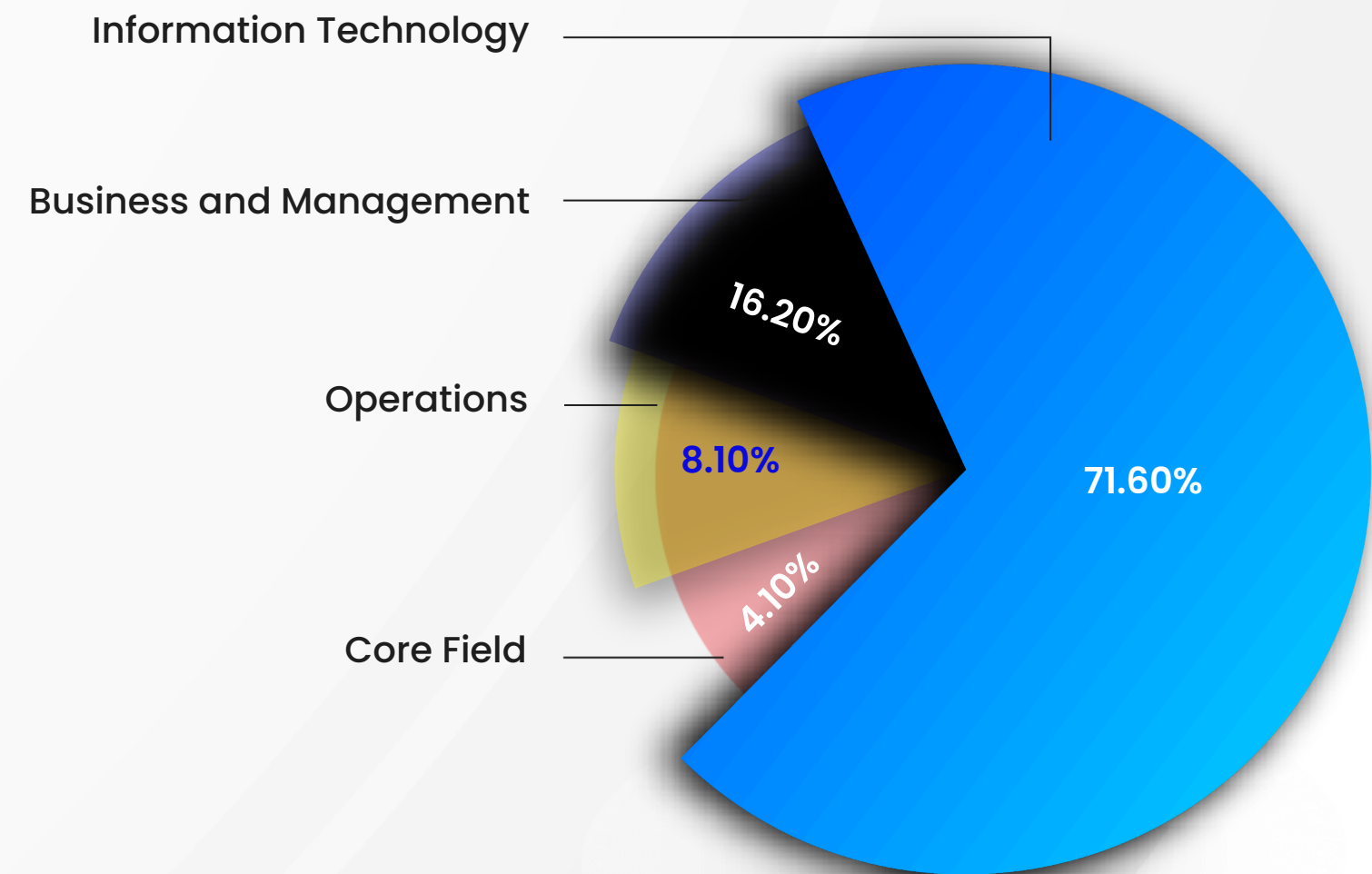
PLACEMENTS RATIO OFFERED AS PER INDUSTRY



QUATERLY PLACEMENT ANALYSIS REPORT



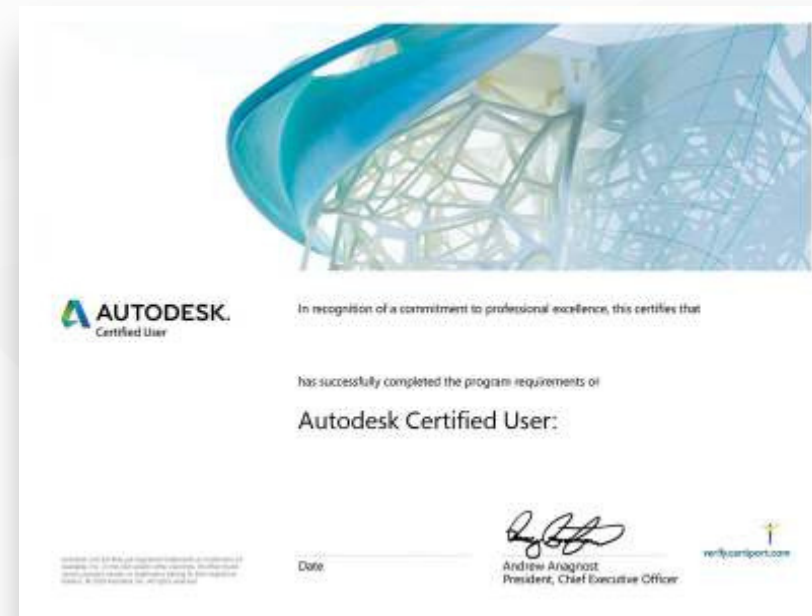
OFFERED PROFILES & FIELDS VIA EDUFYI



WIPRO DICE ID ACCREDITED CERTIFICATIONS



PROFESSIONAL MNC CERTIFICATIONS



OUR AUTHORISED CERTIFICATION PARTNERS



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