Data Analyst

(Online & Offline)

TRAINING DURATION
3 Months

Data Analyst
(Online & Offline)

▶ About the company

▶ Technologies used in project development

▶ Learning outcomes

▶ What are the benefits of Work Experience

▶ Why Provide internship

▶ What we learn in internship

▶ Benefits to students

▶ Interns

▶ Responsibilities

▶ Internship Completion

ABOUT THE COMPANY?

I2ispecialist Technologies Private Limited is a preferred software development & Digital Marketing Company in Pune. We have an excellent & well organized team or IT Experts who always believe in continuous learning. Discovering new Ideas and implementing innovative developing and Digital Marketing strategies. I2ispecialist technologies provide 100% learning platform to help individual develop their professional potential in the most engaging platform.

I2ispecialist Technologies focused on helping working professionals to learn, grow and move up in their career with deep knowledge of projects and architectures designed by IT Experts. We focus on practical session with core knowledge according to industry demand with latest technology. Learner will get the opportunities to work with on industry experts on live project. The internship has been designed keeping in mind that the future belongs to the developers who can think and implement end-to end.

I2ispecialist belongs in Software development, Digital Marketing, Full Stack Development, Mobile Application.

WHY I2ISPECIALIST

1. Expert IT Professionals

2. Technical Support Experts

3. Programing Experts

4. Demanding industrial oriented Architecture

5. Learn up to become a developer

6. Opportunities to work National & International project

7. 100% Knowledge Guaranty.

8. Focus to improve Logical thinking against programs.

9. Job Opportunities

10. Become an Software Expertise

TECHNOLOGIES USED IN PROJECT DEVELOPMENT

Operating System: Windows/ Linux

Web Technologies: HTML, CSS, Bootstrap, Java Script, Angular

LEARNING OUTCOMES

To Develop Your Understanding Of The :

1.Importance Of Proven Transferrable (Employability) Skills

2.Different Types Of Work Experience

3.Stratergies For Researching & Searching For Opportunities

WHAT ARE THE BENEFITS OF WORK EXPERIENCE?

1. Employability

A set of achievements, skills, understandings and personal attributes that make graduates more likely to gain employment and be successful in their chosen occupations, which benefits themselves, the workforce, the community and the economy.

2. Employability skills include:

1. Self-management

2. Communication

3. Teamwork

4. Problem solving

5. Creativity & innovation

6. Taking responsibility

7. Commercial/business awareness

8. Social, cultural & global awareness

9. Time management

10. Decision making/initiative

11. Interpersonal skills

12. Motivation/drive

13. Flexibility/adaptability

14. Organisation/planning

15. Project management

BUSINESS STATISTICS

INTRODUCTION TO STATISTICAL ANALYSIS

- Counting, Probability, and Probability Distributions
- Sampling Distributions
- Estimation and Hypothesis Testing
- Scatter Diagram
- Anova and Chisquare
- Imputation Techniques
- Data Cleaning
- Correlation and Regression

Introduction to Data Analytics

- Data Analytics Overview
- Importance of Data Analytics
- Types of Data Analytics
- Descriptive Analytics
- Diagnostic Analytics
- Predictive Analytics
- Prescriptive Analytics
- Benefits of Data Analytics
- Data Visualization for Decision Making
- Data Types, Measure Of central tendency, Measures of Dispersion
- Graphical Techniques, Skewness & Kurtosis, Box Plot
- Descriptive Stats
- Sampling Funnel, Sampling Variation, Central Limit Theorem, Confidence interval

Excel: Basics to Advanced

- Excel tutorial
- Text to Columns
- Concatenate
- The Concatenate Function
- The Right Function with Concatenation
- Absolute Cell References
- Data Validation
- Time and Date Calculations
- Conditional Formatting
- Exploring Styles and Clearing Formatting
- Using Conditional Formatting to Hide Cells

- Using the IF Function
- Changing the "Value if false" Condition to Text
- Pivot Tables
- Creating a Pivot Table
- Specifying PivotTable Data
- Changing a PivotTables Calculation
- Filtering and Sorting a PivotTable
- Creating a PivotChart
- Grouping Items
- Updating a PivotTable
- Formatting a PivotTable
- Using Slicers
- Charts
- Creating a Simple Chart
- Charting Non-Adjacent Cells
- Creating a Chart Using the Chart Wizard
- Modifying Charts
- Moving an Embedded Chart
- Sizing an Embedded Chart
- Changing the Chart Type
- Chart Types
- Changing the Way Data is Displayed
- Moving the Legend
- Formatting Charts
- Adding Chart Items
- Formatting All Text
- Formatting and Aligning Numbers
- Formatting the Plot Area
- Formatting Data Markers
- Pie Charts
- Creating a Pie Chart
- Moving the Pie Chart to its Own Sheet
- Adding Data Labels
- Exploding a Slice of a Pie Chart
- Data Analysis − Overview
- types of Data Analysis
- Data Analysis Process
- Working with Range Names
- Copying Name using Formula Autocomplete
- Range Name Syntax Rules
- Creating Range Names

- Creating Names for Constants
- Managing Names
- Scope of a Name
- Editing Names
- Applying Names
- Using Names in a Formula
- Viewing Names in a Workbook
- Copying Formulas with Names
- Difference between Tables and Ranges
- Create Table
- Table Name
- Managing Names in a Table
- Table Headers replacing Column Letters
- Propagation of a Formula in a Table
- Resize Table
- Remove Duplicates
- Convert to Range
- Table Style Options
- Table Styles
- Cleaning Data with Text Functions
- Removing Unwanted Characters from Text
- Extracting Data Values from Text
- Formatting Data with Text Functions
- Date Formats
- Conditional Formatting
- Sorting
- Filtering
- Lookup Functions
- Pivoting

SQL

- Introduction to Oracle Database
- Retrieve Data using the SQL SELECT Statement
- Learn to Restrict and Sort Data
- Usage of Single-Row Functions to Customize Output
- Invoke Conversion Functions and Conditional Expressions
- Aggregate Data Using the Group Functions
- Display Data from Multiple Tables Using Joins
- Use Sub-Queries to Solve Queries
- The SET Operators
- Data Manipulation Statements
- Use of DDL Statements to Create and Manage Tables
- Other Schema Objects

- Control User Access
- Management of Schema Objects
- Manage Objects with Data Dictionary Views
- Manipulate Large Data Sets
- Data Management in Different Time Zones
- Retrieve Data Using Sub-queries
- Regular Expression Support

Power BI

Module 1: Introduction to Power BI

- Get Started with Power BI
- Overview: Power BI concepts
- Sign up for Power BI
- Overview: Power BI data sources
- Connect to a SaaS solution
- Upload a local CSV file
- Connect to Excel data that can be refreshed
- Connect to a sample
- Create a Report with Visualizations
- Explore the Power BI portal

Module 2: Viz and Tiles

- Overview: Visualizations
- Using visualizations
- Create a new report
- Create and arrange visualizations
- Format a visualization
- Create chart visualizations
- Use text, map, and gauge visualizations and save a report
- Use a slicer to filter visualizations
- Sort, copy, and paste visualizations
- Download and use a custom visual from the gallery

Module 3: Reports and Dashboards

- Modify and Print a Report
- Rename and delete report pages
- Add a filter to a page or report
- Set visualization interactions
- Print a report page
- Send a report to PowerPoint
- Create a Dashboard
- Create and manage dashboards

- Pin a report tile to a dashboard
- Pin a live report page to a dashboard
- Pin a tile from another dashboard
- Pin an Excel element to a dashboard
- Manage pinned elements in Excel
- Add a tile to a dashboard
- Build a dashboard with Quick Insights
- Set a Featured (default) dashboard
- Ask Questions about Your Data
- Ask a question with Power BI Q&A
- Tweak your dataset for Q&A
- Enable Cortana for Power BI

Module 4: Publishing Workbooks and Workspace

- Share Data with Colleagues and Others
- Publish a report to the web
- Manage published reports
- Share a dashboard
- Create an app workspace and add users
- Use an app workspace
- Publish an app
- Create a QR code to share a tile
- Embed a report in SharePoint Online

Module 5: Other Power BI Components and Table Relationship

- Use Power BI Mobile Apps
- Get Power BI for mobile
- View reports and dashboards in the iPad app
- Use workspaces in the mobile app
- Sharing from Power BI Mobile
- Use Power BI Desktop
- Install and launch Power BI Desktop
- Get data
- Reduce data
- Transform data
- Relate tables
- Get Power BI Desktop data with the Power BI service
- Export a report from Power BI service to Desktop

Module 6: DAX functions

- New Dax functions
- Date and time functions
- Time intelligence functions
- Filter functions
- Information functions

- Logical functions
- Math & trig functions
- Parent and child functions
- Text functions

PYTHON BASICS

- The print statement
- Comments
- Python Data Structures & Data Types
- String Operations in Python
- Simple Input & Output
- Simple Output Formatting
- Deep copy
- Shallow copy
- Operators in python

CHATGPT

Introduction to ChatGPT and AI
What is ChatGPT?
The history of ChatGPT
Applications of ChatGPT
ChatGPT vs other chatbot platforms
Types of AI and Chatgpt Architecture
Industries using ChatGPT
The benefits and limitations of ChatGPT
Future developments in ChatGPT technology
Ethical considerations related to ChatGPT and AI
Narrow AINarrow AI
Strong AI
Superintelligence
Chatgpt architecture
Industries using ChatGPT
The benefits and limitations of ChatGPT
Future developments in ChatGPT technology
Ethical considerations related to ChatGPT and AI

PROJECT:

- The print statement
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TRAINER PROFILE:

Experienced and results-driven Digital Marketing Trainer with a proven track record of empowering individuals and teams to excel in the dynamic field of digital marketing. Adept at creating comprehensive training programs that cover various aspects of digital marketing, including SEO, SEM, social media marketing, content marketing, and analytics. Passionate about staying abreast of industry trends and leveraging practical insights to foster a hands-on learning environment.

- More than 7+ Years of Experience.
- Trained more than 500+ students in a year.
- Strong Theoretical & Practical Knowledge.
- Certified Professionals.
- Subject Knowledge and fully Marketing Statergies.
- Trainers have experienced on multiple real-time
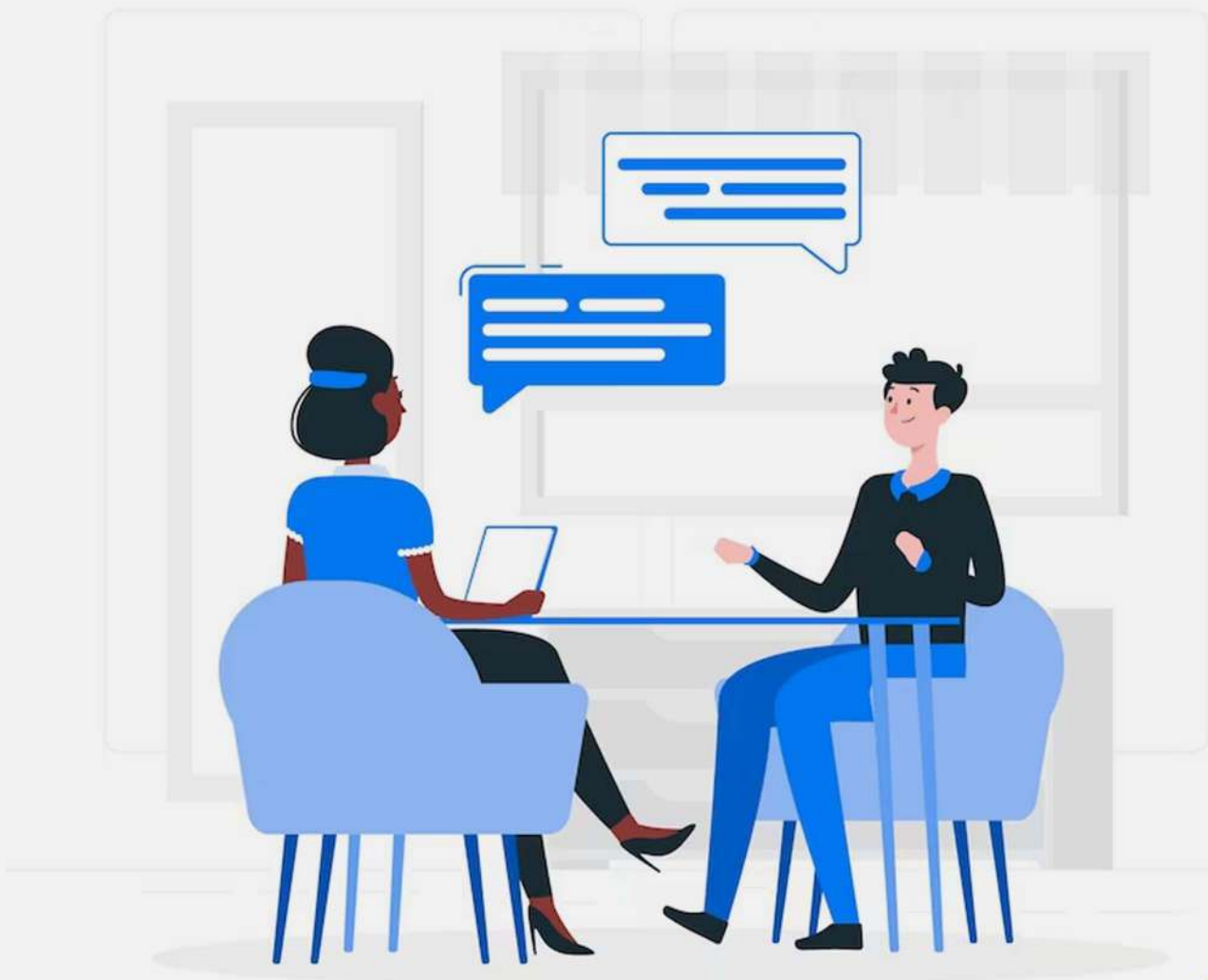- projects in their Industries.

MOCK INTERVIEWS

1. COMMUNICATION SKILLS
2. INTERVIEW QUESTIONS PRACTISE
3. SOFT SKILL
4. PORTFOLIO TECHNIQUES

100% PLACEMENT SUPPORT

1. RESUME PREPARATION
2. INTERVIEW CALLS
3. MAILING COMMUNICATION
4. AI BEST RESUME BUILDING

TRAINING COMPLETION

At the end of the Course

- Working experience letter
- Internship experience letter
- Free Life-Time Training Access
- Job Opportunities.

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