



## DATA ANALYST

100% Job Guarantee Program

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# About Parinitha Technologies

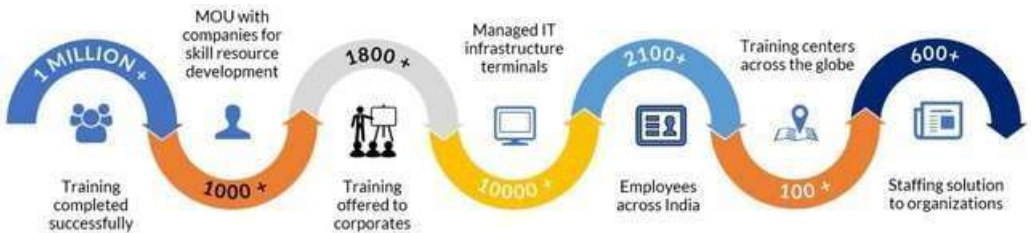
The main motto of Parinitha Technologies Institute is to provide the best professional education to our students and to turn them into knowledgeable and successful IT professionals & 100% Job assistance is assured.

We make every effort to prepare our students to face the challenges of today's rapidly evolving IT marketplace. Our training manuals and exercise materials are very effective in enhancing students knowledge and skills base.

Students can take any of our courses separately or combine several of them to achieve higher levels of proficiency in information technology

[Know More](#)

## Experience Summary



# OVERVIEW



## Who can take up?

Freshers / Experienced / Diploma / Graduates / Post graduates in any stream



## Duration

**500 Hrs**  
(2 Hrs/Day 12 Months, 4 Hrs/Day 6 Months or 8Hrs/Day 3 Months)



500 Hrs  
of online training



150 Hrs of LIVE mentoring  
& doubt clarification sessions



100+  
lab assignments

## Course Overview

Master fundamentals in core Java

Learn to code server side and create dynamic web pages using advanced Java

Master fundamentals in general purpose programming & scripting language – Python

Learn to design interactions, functional web pages using HTML, CSS and JavaScript

Understand the process of designing, managing & handling structured data in MySQL

Integrate third party APIs using Springs and Hibernate

Understand end to end process of building code, hosting and maintaining it

3 hours of the classroom session on weekdays

2 hours of hands-on coding on weekdays

Doubt Clarification session

Case Studies solved on every module

Talks from industry experts

Daily Assignments

Mock interviews at regular intervals

Weekly Assessments

## A DAY/WEEK WITH US

## TOOLS & TECH



**DATA ANALYST**



# LEARNING TRACK

01

## Learn Python

Be a master in language fundamentals & competitive programming

02

## Learn SQL

Learn to code on the server-side and create dynamic web pages

03

## Learn Data

Get a wide range of opportunities to create your career in different specializations like Artificial Intelligence, Deep Learning, etc

04

## Learn Data Visualization

Master to design, style & interact with the web pages.

05

## Learn Statistics

Understand the process of designing, managing, and handling structured data.

06

## Learn Excel

Learn to integrate different third party APIs in your application

07

## Build Project

Understand the complete process of building code, integrating modules, hosting an application, and maintaining it.

08

## Practice Aptitude

Build your logical and reasoning skill to crack the interviews

09

## Learn Interview Etiquette

Learn a set of manners that is accepted in a profession.

# DETAILED SYLLABUS

## **STEP 1: Data Analytics & Advanced Excel**

Introduction to Data Analytics

Types of Data Analytics

Data Analyst Roles & Responsibilities, Excel Interface

Data Types in Excel, Cell Referencing

Data Formatting, Sorting & Filtering

Conditional Formatting

Excel Formulas & Functions, Logical Functions

Text Functions

Date & Time Functions, Lookup Functions

Pivot Tables, Pivot Charts, Data Validation

What-If Analysis

Excel Dashboards

## ◆ **STEP 2: SQL for Data Analysis**

Database Fundamentals

RDBMS Concepts, Tables & Relationships

Primary Key & Foreign Key, SQL Syntax

SELECT Statement, WHERE Clause, ORDER BY

DISTINCT

SQL Operators

Aggregate Functions

GROUP BY

HAVING

SQL Joins

Subqueries

Views

Indexes

# DETAILED SYLLABUS

## **STEP 3: Python for Data Analysis**

Python Basics

Variables & Data Types

Operators

Conditional Statements, Loops

Functions

Lists, Tuples, Sets, Dictionaries

NumPy Basics

Pandas Basics, DataFrames & Series

Data Import & Export

Data Cleaning

Handling Missing Values

Data Transformation

Exploratory Data Analysis

## **◆ STEP 4: Data Visualization & BI Tools**

Data Visualization Concepts

Power BI / Tableau Overview

Data Connections

Data Modeling

Charts & Graphs

Filters & Slicers

Drill Down Analysis

DAX Basics

Measures & Calculated Columns

KPIs

Interactive Dashboards

Report Publishing

# DETAILED SYLLABUS

## **STEP 5: Statistics & AI Tools**

Descriptive Statistics

Inferential Statistics

Probability

Correlation

Regression

Hypothesis Testing

Machine Learning Basics

Supervised Learning

Unsupervised Learning

AI in Data Analytics

ChatGPT for Data Analysis

Prompt Engineering

Automated Insights

## **◆ STEP 6: Projects & Career Support**

Real-Time Data Projects

Business Case Studies

Capstone Project

Resume Preparation

Portfolio Development

Interview Preparation

Mock Interviews

Placement Assistance

# SAMPLE CERTIFICATE



## Student Testimonials



**Santhosh Akula**  
Software developer

I had an excellent experience at Parinitha Technologies. The trainers were knowledgeable & trained me from basics, and the curriculum was well-structured and relevant to current industry standards. The hands-on training and real-world applications greatly enhanced my learning. I highly recommend this institute to anyone looking to advance their skills and career. Thank you for showing me a great path.



**B SRIKANTH**  
Cybersecurity

I had got place at a package of 7lpa as an fresher. It took cybersecurity. All the trainers are providing the full and transparency and providing the good knowledge and has good guidance from their side



**Shishira Ramesh**  
Full stack Engineer

I had an wonderful experience in this technology. 😊  
The trainer's are very good intractors here. They are also very good in explaining and clearing with our doubts.. so yea I had very good experience in parinitha technology.

### Get in Touch

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