STC TECHNOLOGIES

Join Us

Business Analytics

Online Offline

www.softwaretechnologyconsultants.com

About STC

STC (Software Technology Consultants) is a technology consulting and training company focused on developing industry relevant capabilities. The approach is aligned with current industry standards and reflects how work is executed in real environments.

Students work directly with real tools and workflows, building clarity, precision, and the confidence to perform in professional roles.

Key Highlights

- Industry Aligned Approach
- Built around real world tools and workflows
- Practical Learning Focus
- Emphasis on application over theory
- Career Readiness
- Designed to prepare learners for real roles



100% Placement Assistance Driven Program

A dedicated placement system designed to move you into the industry. From portfolio and profile building to interview readiness and opportunity access, every step is focused on helping you secure the right role

About Business Analytics

The Business Analytics program is designed to help learners understand how to analyze business data and make data-driven decisions. This course covers essential concepts along with practical training in tools like Microsoft Excel, Power BI, and Tableau, enabling you to transform rawdata into meaningful insights through reports and dashboards.

In addition to analytics tools, the course also introduces modern software development practices such as Agile, Scrum, SDLC, and project management using Jira. With hands-on projects and real-world scenarios, this program prepares you for roles like Business Analyst, Reporting Analyst, and Data Analyst

- Hands-on training with real-time projects
- Industry-relevant tools and business concepts
- Focus on data visualization and dashboard creation

Why Choose This program?

1. Beginner to advanced level structured curriculum
2. Practical learning with case studies and projects
3. Training on top analytics and visualization tools
4. Covers both technical and business knowledge
5. Includes Agile, Scrum, and SDLC methodologies
6. Job-oriented skills for high-demand roles

What You'll Learn

1

Introduction & Foundations

- What are Business Analytics? Why is it important?
- Importance & Applications of Business Analytics
- Types of Business Analytics
- Data Visualization

2

Excel

- Introduction to Functions & Formulas
- Basic & Advanced Functions
- Conditional Formatting
- Data Validation
- Power Query
- Pivot Table & Pivot Chart
- Power Pivot
- Dimension Tables & Fact Tables
- Data Manipulation

- Data Visualization
- Dashboard Creation
- Introduction to VBA & Macros
- Creating and Running a Simple Macro
- VBA Basics
- Project

3

Power BI

- Introduction
- Installation and Setup
- DAX Functions
- Data Loading and Cleaning
- Creating Relationships
- Different Types of Charts and Filters
- Drill-Through Reports
- Page Navigation
- Dashboard Creation
- Connecting with Other Data Sources in Power BI
- Implementing Python, SQL, and R in Power BI
- Project

4

Git and GitHub

- Git Installation (Git Bash Setup)
- Creating a GitHub Account
- Creating a Repository on GitHub
- Git Basics (git init, git add, git commit)
- Connecting Local Repository to GitHub
- Pushing Code to GitHub (git push)
- Updating Changes from GitHub (git pull)

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Tableau

- Introduction
- Installation and Setup
- Data Connection from Various Sources
- Creating Charts and Filters
- Creating Dashboards
- Project

6

System Development Life Cycle

- Different Types of Models in SDLC
    - o Waterfall Model
    - o V-Model
    - o Agile
    - o Iterative Model
    - o Prototype Model
    - o Incremental model
    - o Spiral Model
- STLC

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Agile

- Agile Methodology
- Agile Frameworks
- User Stories
- Agile Metrics

8

Scrum

- Introduction to Scrum
- Scrum Roles

- Scrum Artifacts
- Scrum Events
- Tools Used in Scrum

9

Software Documentation

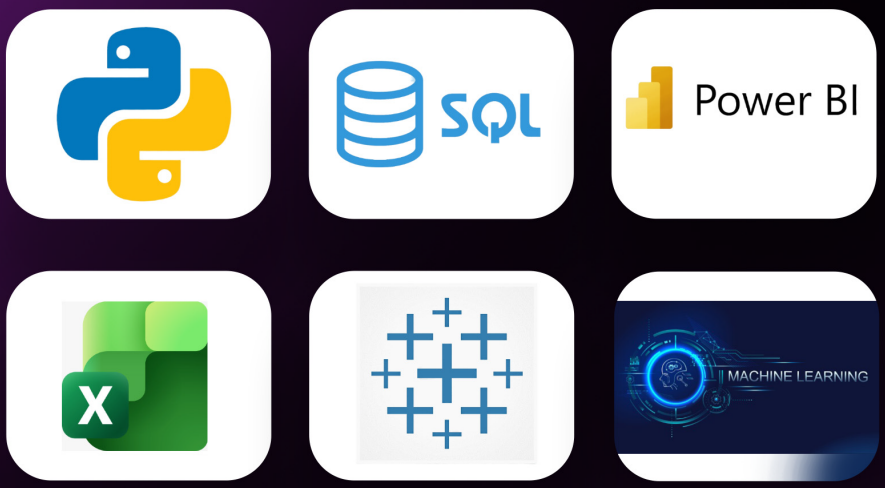
- Documentation in software Development
- BRS documentation
- SRS documentation
- FRD documentation
- Use Case

10

Jira

- Jira Concepts
- Jira Workflow
- Jira Reports

Key Tools That You will Learn



Duration

3 to 5 Months

Certification

STC TECHNOLOGIES

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What Drives Us

A strong commitment to bridge the gap between learning and real world careers by focusing on skills that truly matter in the industry

What We Deliver

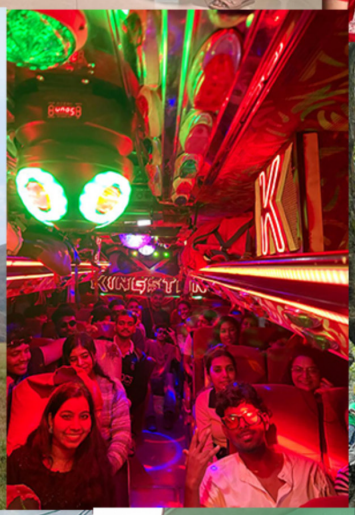
Practical and industry alignedtraining with real time exposure,hands on experience, and the confidence to build a successful career.

Life at STC



















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