**UPTRAX TECH ACADEMY.**

**CURRICULUM FOR DATA ANALYTICS/DATA SCIENCE (16 WEEKS).**

**WEEK 1: VERSION CONTROL SYSTEM (VCS)**

* Git and Github

**WEEK 2: INTRODUC TION TO DATA ANALYTICS.**

* Data analysis/Data Science
* Business Analyst Vs Data Analyst
* Tools for Data analysis

**WEEK 3-5: INTRODUCTION TO MICROSOFT EXCEL**

* Excel Basics
* Excel Formulas and Conditional Formatting
* Pivot Tables in Excel
* Excel Power Query
* Visualizations using Excel.

**WEEK 6-7: INTRODUCTION TO TABLEAU**

* Functions in Tableau
* Charts in Tableau
* LOD in Tableau
* Parameters in Tableau
* Data Blending in Tableau
* Tableau Dashboard

**WEEK 8-9: INTRODUCTION TO MS SQL**

* SQL basics
* Creating Tables using MS SQL
* SQL Data Exploration

**WEEK 10-11: Introduction to PowerBI**

* Power BI installation and basic visualization
* Power Query
* DAX in Power BI

**WEEK 12-16: INTRODUCTION TO PYTHON PROGRAMMING LANGUAGE.**

* Data Science and AI Specification
* Data Analysis Projects
* Building of Portfolios