**Wipro TalentNeXT Program Syllabus for all three available streams:**

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**1. DataScience with Python**

Python Fundamentals

Data Structures

Functions/Modules/Packages

Command Line Arguments

IO Operations

Exception Handling

Logic Building Hour Plan-M1

ASSESSMENT MILESTONE - 1

Regular Expression (RE)

List Comprehensions/Lambda functions

Introduction to AI and ML

Statistics for Data Science

Logic Building Hour Plan-M2-A

ASSESSMENT MILESTONE - 2

Numpy and Pandas

Data Preprocessing

Matplotlib

Logic Building Hour Plan-M2-B

ASSESSMENT MILESTONE - 3

Regression and Classification

Unsupervised ML

Introduction to NLP

ASSESSMENT MILESTONE - 4

**2. Java FullStack**

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Java Fundamentals

OOPS / Inheritance

Eclipse Overview

Abstraction /Packages / Exception Handling

Collection Framework

Wrapper Classes, I/O Streams, Annotation

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ASSESSMENT MILESTONE - 1

Coding Standards / Best Practices

Junit

Multithreading I / II

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RDBMS / SQL / PL/SQL

JDBC

ASSESSMENT MILESTONE - 2

ANT

Logic Building Hour Plan-M2-B

HTML

JavaScript / CSS

Servlets and JSP

XML-I and XML-II

AJAX

ASSESSMENT MILESTONE - 3

Hibernate

Spring Core

Spring Boot

REST Web Service

Angular

ASSESSMENT MILESTONE - 4

**3. DotNet FullStack**

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Introduction to DotNet and C# fundamentals

Introduction to Object Oriented Programming

Coding Standards and Best Practices

Inheritance, Polymorphism, Exception handling and file handling

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ASSESSMENT MILESTONE - 1

Collections, Searching and Sorting algorithms

Unit Testing using NUNIT framework

Advanced Csharp

Introduction to MS SQL Server & RDBMS fundamentals

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ASSESSMENT MILESTONE - 2

Web UI Essentials - Tech Capsule

ASP.NET Core

Databinding with ADO.NET and Entity Framework Core

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ASSESSMENT MILESTONE - 3

Overview of Web API Core

Overview of Microservices

Movie Ticket Booking Case study

Testing Concepts

ASSESSMENT MILESTONE - 4