Day	Core - 2 hrs
1	**Speaking Skills** Extempore (Any topic - 2 minutes) Communication check - Content, structure (introduction, body, conclusion) & **Grammar** Overall feedback and areas of improvement (focus on **Grammar** - Nouns, Pronouns, Adjectives, Singular - Plural) Exercises - Word building, homophones
2	**Writing Skills** Free flow writing(80 - 100 words) - Any topic Check - Content, structure (5 W & 1 H) & **Grammar** (Articles, Prepositions, Capitals, Punctuations) Overall feedback and areas of improvement
3	**Structuring** Structuring - Tools & Techniques (5Ws & H, Comprehensive vs Detail) Grammar - Verbs, Adverbs, Tenses Exercises - Degree of comparison Assignment - Structuring (Individual) - Topics to be shared
4	**Presentation on a familiar topic** - Using Structuring tool (5Ws & H, Comprehensive vs Detail) Feedback on the relevant content, structure, body language, grammar and general etiquette of presentation
5	**Speaking skills** - Reciting a poem Importance of pacing, tone & intonation and how it impacts the way you talk Overall feedback and areas of improvement Subject - verb agreement, Conjunctions
6	
7	**Presentation skills** - Structuring Overall feedback and areas of improvement **Presentation skills** - Do's and Don'ts

8	**Reading Skills** - Reading a passage and summarizing the same Importance of Interpretation (comprehension) Exercises - Idioms & phrases
9	**Speaking skills** - Scenarios for 'Small talk' Empathy, body language & assertiveness Exercises - Antonyms & Synonyms
10	**Writing Skills** - **Email writing(**Leave application) Basic email etiquette - Anatomy of email, structure, look & feel, ethical guidelines
11	**Speaking skills** - Scenarios for Conversational English Feedback on MTI, Pronounciation & common errors and how it impacts the way you talk, Indianism Overall feedback and areas of improvement Exercises - Idioms & Phrases
12	
13	**Understanding basic communication skills** - Why & What of communication Assignment - Draw a bug / building / flower with instructions (Discussion on assumptions in communication)
14	**Channels of Communication -** Data, Voice and Video Process of selecting an effective channel for communication - various factors
15	**What & why of Critical thinking & Assignment** Quality of thinking - Clarity, accuracy, relevance, logic Why Critical thinking - purpose, point of view, data/information, questions, assumptions, inferences Assignment - Making a judgment and applying it in different situations

16	**What & why of analytical skills & Assignment** Problem definition - Identification of the problem Problem solving - Data gathering, data sorting, data interpretation Decision making and implementation
17	**Importance of 'Attention to detail'** - reducing errors Using the skill in Reading and Writing skills Verification of work / document by self / peers Imapct on quality and productivity
18	
19	**Teamwork:** Team building activity + Debrief Introducing Teamwork- 5 Stages (Work effectively with colleagues)
20	**Professionalism** Professional behaviour - Dressing, grooming, greetings Time management & productivity Attention to detail in work Effective communication - Real & virtual
21	**Impression Management** Awareness on Impression Management - What & Why Basic etiquettes and manners, appearance, body language, hygiene, social protocols, online impressions Role play (2 scenarios) + Aspects of impression management
22	**Listening skills** Hear vis-à-vis Listen Various aspects of Listening - Accent & Interpretation Effective listening - Do's & Don't's
23	**Telephone Etiquette** Difference between a regular conversation and a telephonic conversation Placing Calls - Before, during & closing calls
24	

25	**Interpersonal Effectiveness** Why & What of Interpersonal effectiveness Factores influencing Interpersonal Effectiveness - Assertiveness, Body language & Emphathy
26	**Relationship Building** Importance of relationships at a workplace and ways to build and maintain relationships at work
27	**Flexibility & Attitude** Not being defensive, Having an open Mind & Accepting the reality of change
28	**Resume Writing** Resume writing skills - Do's and Don't's **Assignment -** Writing a Resume
29	**Interview Skills** - Effective & Unique introductions Strengths and areas of improvement Role play - Introductions with strengths and weaknesses (speak in a public forum) Reinforce impression management & professionalism with reference to interviews
30	
31	**Interview skills** - Do's and Don't's Some common questions - Situation based Application of technical and behavioural skills Reinforce impression management & professionalism with reference to interviews
32	**Group discussions** - debrief - what went well and what needs to be improved Grabbing opportunity, giving chance to the others to speak, respecting others' opinion, relevant content, summarizing List of topics - to be shared Reinforce impression management & professionalism with reference to GDs
33	

266 hrs of Classroom training
Expectation setting + Baseline assessment
Technical (R + DB + DW + NoSQL + Java)
Hands On
Core skills
Assessments

110 hrs of Online training
E2E - Level 8 to 10
Learn to Code
Relational Database
PL/SQL
Java Power

ining programme will run in a context based blended mode focusing on communication, behavioural and te
cilitation + Hands On + Interventions (Role Play, Exercise, Simulations, Creative Work etc) + Evaluations - Re

Technical (JAVA) - 2hrs	
Programming fundamentals using R	Basic Syntax, Variables, Data Types, Conditional statements , Loops and iterations
Programming fundamentals using R	Functions, Package, String
Data Representation using R	Pie Charts, Bar Charts, Histograms, Line Graphs Boxplots & Scatterplots
Data Representation using R	Graphics and tables Working with larger datasets
Data Analysis using R	Mean ,Mode, Median, Variance, Standard Deviation
Aptitude(3hrs) +Assessment(3hrs)	
Data Analysis using R	Skewness, Kurtosis, Correlation

Predictive Analysis	Introduction and Prerequisites for Predictive Modelling
Predictive Analysis	What is predictive modelling? Why predictive modelling?, Applications of predictive modelling
Regression Analysis	Introduction to Regression Analysis Linear Regression Concept Implementing Linear Regression in R
Regression Analysis	Multiple Regression Concept Implementing Multiple Regression Concept in R
Aptitude(3hrs) +Assessment(3hrs)	
Regression Analysis	Logistic Regression Concept Implementing Logistic Regression Concept in R
Overview of BI	Overview of Business Intelligence What is BI? Why is BI important & Where can we use it? Components of BI BI Roadmap Introduction to BI Tools
Data Warehousing	What is DW, Why do we need it? Datawarehouse Architecture & its components. Define Star Schema, Facts & Dimensions Type of Fact table and

Data Warehousing	Overview of Conceptual / Logical / Physical Data model Intro to CLDM,FSLDM and iLDM Understand OLTP & OLAP DSS (Decision Support System) Data mapping
DW / SQL	RDBMS Concepts (3 Normal Forms & BCNF) Data Warehouse vs Data Mart SQL Overview RDBMS Concepts
Aptitude(3hrs) +Assessment(3hrs)	
DW / SQL	Databases Syntax Data Types Operators Expressions
DW / SQL	Create Database Drop Database Select Database Create Table Drop Table, Insert Query Select Query Update Query Delete Query
DW / SQL	Where Clause AND & OR Clauses Like Clause Top Clause Order By Group By Distinct Keyword Sorting Results
DW / SQL	Constraints Using Joins Unions Clause NULL Values
DW / SQL	Alias Syntax Indexes Alter Command Truncate Table
Aptitude(3hrs) +Assessment(3hrs)	

DW / SQL	Alias Syntax Indexes Alter Command Truncate Table Using Views Having Clause Transactions Wildcards
DW / SQL	Date Functions Temporary Tables Clone Tables Sub Queries Using Sequences Handling Duplicates Injection
NoSQL/Mongo DB	Introduction to NoSQL Database Introduction to MongoDB Difference between MongoDB & RDBMS
NoSQL/Mongo DB	Installation Database Creation Creation of Collections & Documents,Querying, Aggregations & filters
Core Java	Java Programming Elements OOPs concepts Classes & Objects Inheritance,Modifers & Access Specifiers
Aptitude(3hrs) +Assessment(3hrs)	
Core Java	Packages & Access Modifiers Array of Objects
Core Java	Exception Handling User Defined Exception Abstraction & Interface Collections
Final Assessment	

	In Hrs
	8
	128
	54
	64
	12

	In Hrs
	25
	30
	25
	25
	30

echnical skills.
egular (Observations + Assignments + Assessments)

Self Study / Assignments - 2 hrs
Class Assignment
Class Assignment
Class Assignment
Class Assignment
Class Assignment
Class Assignment

Class Assignment
Class Assignment
Class Assignment
Class Assignment
Class Assignment
Class Assignment
Class Assignment

Class Assignment
Class Assignment

Class Assignment

| Class Assignment |

| Class Assignment |

| Class Assignment |

| Class Assignment |

Class Assignment

Class Assignment

Class Assignment

Class Assignment

Class Assignment

Class Assignment

Class Assignment