

FULL CURRICULUM • 2026

Business Analytics

Turn business numbers into strategy that leadership listens to.

Every module, every lesson — the complete syllabus, end to end.

83

MODULES

258

LESSONS

7

MONTHS

₹24,500

FULL PROGRAMME

What this course covers

1

Level 1 • Beginner

Business Analytics • Installation Videos • Data Preparation Techniques

2 months • 25 modules • 53 lessons • ₹6,000

2

Level 2 • Intermediate

Data Visualization • DAX • Business Cases with Advanced DAX

2 months • 26 modules • 79 lessons • ₹8,000

3

Level 3 • Advanced

SQL+PowerBI • NumPy Basics • NumPy Operations

3 months • 32 modules • 126 lessons • ₹10,500

The whole journey

This is the complete syllabus for Business Analytics — 83 modules and 258 lessons, in the order you will learn them. The level markers show how far each stage carries you, but the curriculum runs as one continuous path from the first lesson to the last.

1

LEVEL 1

Beginner

Business Analytics · Installation Videos · Data Preparation Techniques

2 months · 25 modules · 53 lessons · ₹6,000

- **1. Business Analytics** 1 lessons
 - Introduction to Business Analytics
- **2. Installation Videos** 3 lessons
 - Anaconda Installation
 - MySQL Installation
 - PowerBI Installation
- **3. Introduction to Spreadsheets, Data and Analysis** 1 lessons
 - Introduction to Spreadsheets, Data and Analysis
- **4. Data Preparation Techniques** 4 lessons
 - Cell Referencing
 - QA
 - Data Filtering
 - Find and Replace, Remove Duplicates, Missing Data, Data Validation
- **5. Functions** 5 lessons
 - Count Functions
 - Aggregate Functions
 - String Functions
 - DateTime Functions
 - Find, Replace, Substitute
- **6. Advanced Functions** 5 lessons
 - Conditional Functions
 - Scenario
 - Conditional Aggregation Functions
 - Conditional Formatting Techniques
 - Match and Index Functions

○	7. Lookups	1 lessons
	• Lookup Functions (VLookup, HLookup, XLookup)	
○	8. Pivot Tables and Charts	3 lessons
	• Pivot Tables	• Surprise Q
	• Charts	
○	9. What If Analysis	3 lessons
	• Goal Seek	• Data Table
	• Scenario Manager	
○	10. Data Analysis in Excel	1 lessons
	• Data Analysis	
○	11. DBMS	1 lessons
	• DBMS	
○	12. SQL Commands	2 lessons
	• SQL Basics	• SQL Commands
○	13. SQL Basics	1 lessons
	• SQL Basics	
○	14. Aggregate Functions	1 lessons
	• Aggregate Functions	
○	15. Joins	3 lessons
	• What is Joins	• Joins Questions
	• Type of Joins	
○	16. Case Statements	1 lessons
	• Case Statements	
○	17. Date Functions	1 lessons
	• Date Functions	

○	18. Set Operators	1 lessons
	• Set Operators	
○	19. Sub-Query	1 lessons
	• Sub-Query	
○	20. CTE & View	1 lessons
	• CTE & View	
○	21. Window Functions	2 lessons
	• Window Functions Part 1	
	• Window Functions Part 2	
○	22. Project	5 lessons
	• Project_1	
	• Project_2	
	• Project_3	
	• Project_4	
	• Project	
○	23. Introduction to BI	1 lessons
	• Introduction to Power BI	
○	24. Power Query Editor	4 lessons
	• Data Transformation + Data Types	
	• Replace Text + Extract + Split	
	• Trim + Clean	
	• Assignment	
○	25. Data Modelling	1 lessons
	• Data Modelling	

Intermediate

Data Visualization · DAX · Business Cases with Advanced DAX

2 months · 26 modules · 79 lessons · ₹8,000

- **26. Data Visualization** 13 lessons
 - Visualization
 - ETL
 - Column Chart
 - Pie Chart
 - Line Chart
 - Table
 - Slicers
 - Filters
 - Tree Visualization
 - Introduction
 - Univariate Analysis
 - Bivariate Analysis
 - Multivariate Analysis
- **27. DAX** 3 lessons
 - Logical DAX
 - Text DAX
 - DateTime DAX
- **28. Business Cases with Advanced DAX** 7 lessons
 - Problem-1
 - Problem-2
 - Problem-3
 - Problem-4 Extended
 - Problem-4
 - Problem-5
 - Problem-6
- **29. Advanced PowerBI Features** 4 lessons
 - Bookmarks
 - RLS
 - Field Parameters
 - AI Visuals + Quick Measures
- **30. Introduction_To_Python** 1 lessons
 - Introduction_To_Python
- **31. Python Variables** 1 lessons
 - Python Variables
- **32. Python Data Types** 1 lessons
 - Python Data Types

○	33. Python Operators	1 lessons
	• Python Operators	
○	34. Python Strings	2 lessons
	• Python Strings-1	• Python Strings-2
○	35. Python Conditional Statements	1 lessons
	• Python Conditional Statements	
○	36. Python Loops	1 lessons
	• Python Loops	
○	37. Python Data Structures	6 lessons
	• Data Structures	• Set
	• List	• Dictionary
	• Tuple	• Comprehension
○	38. Functions in Python	4 lessons
	• Basics of Functions	• Special Functions
	• Lambda Functions	• In-Built Function and Recursion
○	39. OOPs in Python	2 lessons
	• Oops	• Pillars of OOPs
○	40. Probability	4 lessons
	• Intro to Probability	• Permutation
	• Probability	• Combination
○	41. Baye's Theorem	1 lessons
	• Baye_s Theorem	
○	42. Discrete Probability (Probability Mass Function)	1 lessons
	• Discrete Probability	
○	43. Continuous Probability (Probability Dist Function)	1 lessons
	• Continuous Probability	

○	44. Central Limit Theorem	1 lessons
	Central Limit Theorem	
○	45. Hypothesis Testing	6 lessons
	- Hypothesis Testing - Establish Hypothesis + Tests - Hypothesis Testing - Z,T Test - Hypothesis Testing - ANOVA - Hypothesis Testing - KS Test - Hypothesis Testing - Chi Square Test	
○	46. AB Testing	1 lessons
	AB Testing	
○	47. Guestimates	8 lessons
	- Gustimates Overview - Guestimate in detail + Problem-1 - Problem-2 - Problem-3 - Problem-4 - Problem-5 - Problem-6 - Problem-7	
○	48. Introduction To ML	1 lessons
	Introduction To ML	
○	49. Framing an ML Problem	1 lessons
	Framing an ML Problem	
○	50. EDA	6 lessons
	- EDA Theory - Understanding Data - Univariate Analysis - Bivariate Analysis - Multivariate Analysis - Sweetviz	
○	51. Folder Problem	1 lessons
	Folder Problem	

Advanced

SQL+PowerBI · NumPy Basics · NumPy Operations

3 months · 32 modules · 126 lessons · ₹10,500

- **52. SQL+PowerBI**

1 lessons

 - SQL+PowerBI
- **53. NumPy Basics**

7 lessons

 - Creating Numpy Arrays
 - Attributes of a NumPy Array
 - Creating NumPy of Different Dimensions
 - Accessing Elements
 - Why NumPy
 - Case-Study-1
 - Case-Study-2
- **54. NumPy Operations**

11 lessons

 - Comparison Operators
 - Mathematical Operators
 - Statistical Operators
 - Sorting Operators
 - Combining Operators
 - Manipulation Operators
 - Random Operators
 - Miscellaneous Opeartors
 - Case Study 1
 - Case Study 2
 - Correction
- **55. Pandas Basics**

5 lessons

 - Pandas Basics
 - Pandas Data Structures
 - Column Operations
 - Row Operation
 - Case Study
- **56. Pandas Analysis**

12 lessons

 - Accessing specific rows
 - Miscellaneous functions
 - String functions
 - Case Study
 - Group By
 - Pivot Table
 - Group By vs Pivot Table
 - Case Study - 2
 - Melt
 - CrossTab
 - Pandas Cut
 - Date Time Function
- **57. Pandas Merge and Concat**

2 lessons

 - Concat
 - Merge

○	58. Missing Values	5 lessons
	• None vs Nan • isnull vs isna • Treating Missing Values • Apply vs Transform • Case Study	
○	59. Matplotlib	6 lessons
	• Matplotlib - Line Plot • Matplotlib - Bar Plot • Matplotlib - Pie Plot • Matplotlib - Histograms • Matplotlib - Scatter Plot • Matplotlib - Sub Plots	
○	60. Seaborn	7 lessons
	• Introduction • Seaborn - Line Plot • Seaborn - Bar Plot • Seaborn - Count Plot vs Histogram vs Distplot • Seaborn - BoxPlot • Seaborn - Violin Plot • Seaborn - Scatter Plot	
○	61. Plotly	5 lessons
	• Plotly - Line Plot • Plotly - Area Plot • Plotly - Scatter Plot • Plotly - Box + Violin Plot • Plotly - 3-D Plot	
○	62. Data Cleansing	5 lessons
	• Data Cleansing Theory • Data Cleansing Practical - 1 • Data Cleansing Practical - 2 • Data Cleansing Practical - 3 • Data Cleansing Practical - 4	
○	63. Treating Missing Values	1 lessons
	• Treating Missing Values	
○	64. Outlier Detection	3 lessons
	• Outlier Detection Theory • Z-Score based Filter • IQR based Filter	
○	65. Feature Construction	1 lessons
	• Feature Construction	

○	66. Feature Selection	6 lessons
	- Correlation - Mutual Information Score - Variance Inflation Factor - ANOVA - Chi-Square - Recursive Feature Elimination	
○	67. Feature Extraction	1 lessons
	Feature Extraction	
○	68. All Supervised Models	2 lessons
	- Types of ML - All Supervised Models	
○	69. Linear Regression	9 lessons
	- Simple LR Theory - Assumptions for LR - Evaluation Metrics for Regression - Types of LR - LR Practical - Gradient Descent - Bias Variance Tradeoff - Regularization Theory - Regularization Practical	
○	70. Logistic Regression	5 lessons
	- Logistic Regression Theory - Logistic Regression Practical - Evaluation Metrics for Classification Theory - Evaluation Metrics for Classification Practical - Imbalanced Data	
○	71. Decision Tree	2 lessons
	- Decision Tree Theory - Decision Tree Practical	
○	72. Ensemble Techniques	7 lessons
	- Introduction to Ensemble Techniques - Random Forest Theory - Random Forest Practical - Boosting Algorithms Theory - Boosting Algorithms Practical - Stacking Theory - Stacking Practical	
○	73. KNN	2 lessons
	- KNN Theory - KNN Practical	
○	74. Naive Bayes	2 lessons
	- Naive Bayes Theory - Naive Bayes Practical	

○	75. SVM	2 lessons
	- SVM Theory - SVM Practical	
○	76. CCA	2 lessons
	- CCA Theory - CCA Practical	
○	77. Mean Median Mode	2 lessons
	- Mean Median Mode Theory - Mean Median Mode Practical	
○	78. Random Sample Imputation	2 lessons
	- Random Sample Imputation Theory - Random Sample Imputation Practical	
○	79. Missing Indicators	2 lessons
	- Missing Indicators Theory - Missing Indicators Practical	
○	80. KNN Imputation	2 lessons
	- KNN Imputation Theory - KNN Imputation Practical	
○	81. MICE	2 lessons
	- MICE Theory - MICE Practical	
○	82. Handling Categorical Values	3 lessons
	- Theory - Case Study - Practical	
○	83. Feature Scaling	2 lessons
	- Theory - Practical	

Certificates & what comes next

You receive a certificate at the end of every level you finish. Join for a single level or the full programme — the choice is yours. Learners who stand out may be invited to work on live client projects as interns; these places are merit-based, limited, and depend on projects being available.