40,000+
Students Trained

14,000+
Students Placed

200+
Placement Companies

14 Years
of Student Trust

QualityThought®
Transforming Dreams! Redefining Future!

CELEBRATING 14 YEARS

Data Analyst

Visit Now
qualitythought.in

qualitythought.in
qttworld

Ramana Bhupathi
Founder - CEO / Testing Guru

Step into the world of software training guided by the insights of an industry luminary, Ramana Bhupathi. With a career spanning over a decade and a half in the dynamic Information Technology sector, Mr. Bhupathi brings a wealth of experience and expertise that has shaped the course of modern software development.

Mr. Bhupathi's journey commenced at the forefront of technological innovation, with pivotal roles at Satyam Computer and Accenture Consulting. His hands-on involvement in diverse projects, leveraging cutting-edge technologies and agile development methodologies, set the stage for his profound insights into the digital realm.

Notably, his proficiency in executing projects on Microsoft Technologies became a hallmark of his career, reflecting his adaptability and commitment to staying at the vanguard of change.

A witness to the seismic shifts within the software development landscape, Ramana Bhupathi is resolute in his belief that the forthcoming decade will usher in even more rapid transformations. In his astute perspective, the IT workforce must embrace a culture of perpetual upskilling and reskilling to navigate this era of accelerated change.

Mr. Bhupathi's journey is characterized by a passion for cultivating enterprises rooted in emerging technologies. His endeavors have been focused on crafting platforms that not only resonate with the needs of today but also create a positive societal impact. His affinity for startups, each driven by a dedication to scalable solutions powered by Artificial Intelligence and Data Science, underscores his commitment to innovation.

Beyond the boardroom, Mr. Bhupathi's impact extends to the realm of education. His mentorship has illuminated the path for over 10,000 students and professionals, steering them toward lucrative careers in technology. With an unwavering calling to guide future tech talent, he embraced his true purpose, transitioning from the corridors of corporate leadership to the forefront of education. Today, his energy is channeled into honing the skills of young minds, immersing them in the nuances of new-age technologies through comprehensive training and impactful corporate programs.

Join us on an enlightening journey through the pages of this book, as Ramana Bhupathi's profound insights and guidance illuminate the ever-evolving landscape of Information Technology. His wisdom serves as a beacon for both novices and seasoned professionals, reminding us all that in the midst of change lies unparalleled opportunity.

Offered Programs

TRAINING (Offline / Online)

1. Any Graduate
2. By Realtime Practitioners
3. Live Project
4. Resume Preparation
5. Course Completion Certificate
6. 1 to 1.5 Hr per a Day
7. Offline / Online
8. Backup videos

Price
30K

(JOIP) INTENSIVE

1. Any Graduate
2. By Realtime Practitioners
3. Weekly Mock Interviews
4. Resume Preparation
5. Up to 3 Live Projects
6. 4 - 6 Hrs Daily Training
7. Offline / Online
8. Training Completion Certificate
9. Backup videos
10. Placement Assistance for 12months

Price
30K + 50K

(JOIP) INTERNSHIP

1. Any Graduate
2. Must attend Mock Test
3. By Realtime Practitioners
4. 3Hrs.- Internship/3Hrs.-Training
5. Live Project work assign by IT Staff
6. Preferred Offline / Online
7. Internship Completion Certificate
8. 6 - 8 Hrs Daily
9. Backup videos
10. Placement Assistance for 12months

Price
70K + 30K

Content Explanation

Program Name : **Data Analyst**

Demo Date / Time :

Course Fee :

Duration :

Mentor Name :

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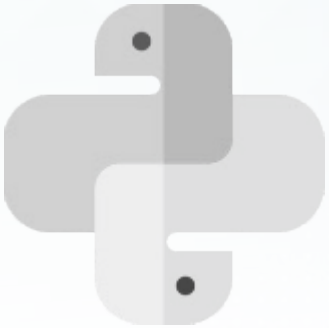
COURSE CURRICULUM

DATA ANALYTICS

COURSE DURATION 3 MONTHS	SESSION HOURS 110 HRS	CASE STUDIES & PROJECTS

Module II: PYTHON



Python Basics
Python Introduction
Python Data Structure: Lists and Arrays
Python : Conditions and Branching
Python : Functions and Methods
Python : Objects and Classes
Practice Questions in Python
Introduction to NumPy
Linear Algebra in NumPy
Seaborn, Matplotlib
Project 1 : Satellite Image Data Analysis using NumPy
Introduction to Pandas

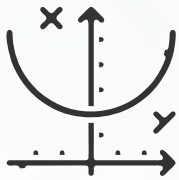
Module III: PROBABILITY AND STATISTICS

Introduction to Probability
Probability Distributions
Describing Distributions
Probability Distribution with Multiple Variables
Population and Sample
Point Estimate
Confidence Interval
Hypothesis Testing
A/B Testing

Module IV: CALCULUS

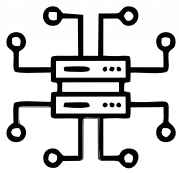
- Derivatives
- Optimization
- Gradients
- Gradient Decent
- Optimization in Neural Networks
- Newton Methods

Module V : LINEAR ALGEBRA



- System of Linear Equations
- Elimination Method
- Row and Row Reduced Echelon form
- Vector Algebra
- Linear Transformation
- Determinants
- Eigen Values of Eigen Vectors

Module VI: DATA STRUCTURE ALGORITHMS

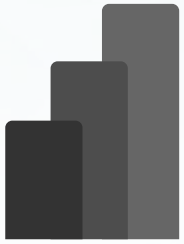


- Array
- String
- Linked List
- Searching Algorithm
- Sorting Algorithm
- Divide and Conquer Acqu
- Stack
- Queue
- Tree Data Structures
- Graph Data Structures
- Dynamic Program

Module VIII : DATA VISUALIZATION

Basic Plotting for Data Visualisation
Data Manipulation for Visualisation
1D Data Analysis: Histograms, Boxplots, and Violin Plots
Project 2 : Visualization of world GDP and carbon dioxide emission
Project 3 : Using Folium Library for Geographic Overlays

Module IX: Power - BI



Introduction to Power-Bi
Data Extraction Process
Data Transformations
Data Modeling and DAX
Data Visualization with Analytics
Power-Bi, Q&A & Data Insights

Module A: SQL: DATABASE QUERY PROCESSING

RDBMS Principals
Install a DB Engine
SQL syntax and Data types
Operators, Expressions, Comments
Data Definition Language (DDL)
Data Manipulation Language (DML)
Grant and Revoke
SQL Functions (Sum , Count, Avg etc)
Joins (self, left, right, full outer)
Queries and Sub Queries
SQL Clauses
SQL Window functions
SQL Real time examples
SQL live Practice Session

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Advanced Excel Course Content

LINEAR ALGEBRA

Number Functions
Sum
Average
Max
Min
Count
Counta
Absolute

Arithmetic Functions
Sumlf
Sumlfs
Countlf
Countlfs
Averagelf
Averagelfs

Text Functions
Upper
Lower
Proper
Left
Mid
Right
Concatenate

Time and Date Functions
Today
Now
Date
DateAdd
Day
Month
Year
Month
Weekday
Format

Pivot Tables
Creating Simple Pivot Tables
Classic Pivot table
Basic and Advanced Value Field Setting
Calculated Field & Calculated Items
Grouping based on numbers and Dates

Slicers and Charts
Using SLICERS, Filter data with Slicers
Various Charts
i.e. Bar Charts / Pie Charts / Line Charts
Manage Primary and Secondary Axis

Vlookup & Hlookup

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Communication Skills

Roots of Communication	LSRW 7 Cs of Communication	Four Pillars of the English Language
Roots of Grammar	Parts of Speech Sentence Structure Development Tense Logic Worksheet Sessions	Mastering Helping Verb And Main Verb
Speech Intelligence	Vocabulary Development Usage of words Group Discussions JAMS Debates Public Speaking	
Personality Development	Imagination and Innovation Training Centralized Brain Storming Problem Solving Skills Desiion Making	
Mangement Skills	Time Management Team Building Task Management Leadership Skills	
Interview Skills	Employbility Think like a Professional Clearing HR Rounds Salary Negotiation Bond Negotiation	
Presentation Skills	Research Skills Public Speaking Visualization White Board Presentation Mastering Powerpoint My Dream Company Research Content Creation	Dream Company Reading Skillls Comprehension Skills
Creativity Skills	Mind Mapping Role plays Mock Interview on the Hot Seat Listening Skills Critical Thinking Thought Analysis / Prioritization SWOT Analysis	

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≪APTITUDE & REASONING≫

Arithmetic

- Problems on Numbers, Simplification
- Equations
- LCM & HCF and Fractions
- Average
- Ratio & Proportion
- Problems on Ages
- Alligation & Mixtures
- Percentages
- Profit and Loss
- Time and Work,
  Chain Rule, Pipes & Cisterns
- Time and Distance
- Problems on Trains
- Boats and Streams
- Simple and Compound Interest
- Problems on Areas
- Calender
- Clocks
- Permutations and Combinations
- Probability
- Data Interpretation

Reasoning

- Puzzles
- Blood Relations
- Coding and Decoding
- Ranking test,
- Seating arrangement
- Series (numeric and alpha numeric)
- Data Sufficiency

2024 CALENDAR

January

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

March

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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24	25	26	27	28	29	30
31						

April

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
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21	22	23	24	25	26	27
28	29	30				

May

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
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26	27	28	29	30	31	

June

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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23	24	25	26	27	28	29
30						

July

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
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21	22	23	24	25	26	27
28	29	30	31			

August

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
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18	19	20	21	22	23	24
25	26	27	28	29	30	31

September

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

November

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
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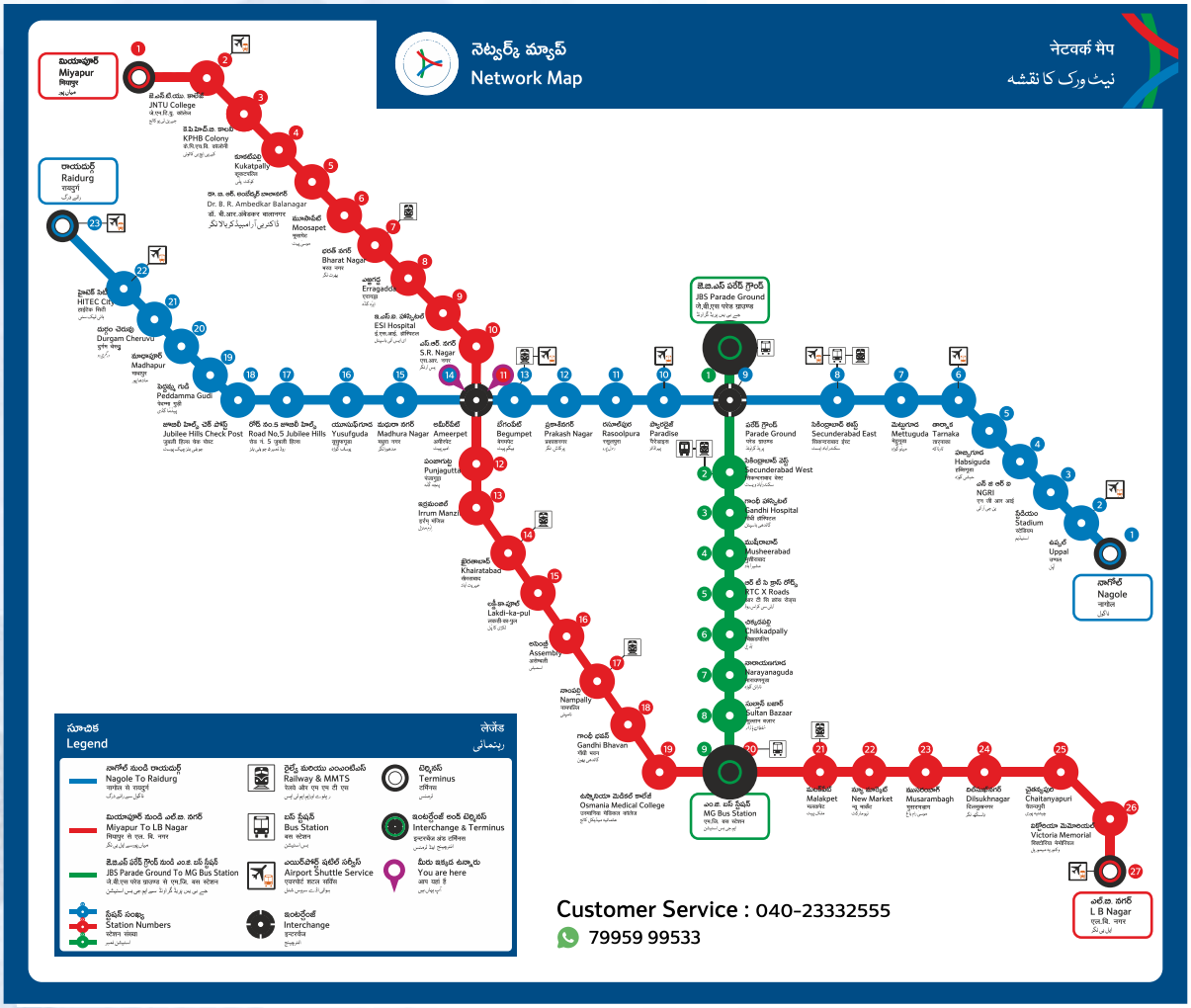
17	18	19	20	21	22	23
24	25	26	27	28	29	30

December

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



Industry Curriculum | Learn from Practitioners | Experiential Learning | Professional Certification | Education Loan

Experienced Industry Faculty | Placement Assistance

Our Students Are Placed In

TCS, Capgemini, LTIMindtree, accenture, 66degrees, AFFINE, High Noon Consulting, AGILISIUM, ALTIMETRIK, brillio, CGI, CISCO, Cloud4C, amazon, CLOUD9, CloudCover, Coforge, Cognizant, Convergytics, CSS CORP, Medtronic, databricks, dataflex, DXC TECHNOLOGY, Deloitte., EMIDS, Foray, STIC Soft, genpact, HCL, HSBC, I2O, IBM, CAPRUS IT, Infosys, Legato, MINDGRAPH, Mindtree, motivitylabs, photon, mesleva, pwc, quantiphi, RENAULT, SIGMASOFT, SOFTILITY, syren cloud, splashBI, TIGER ANALYTICS, wipro, ENVISION, virtusa, ValueLabs, zensor, SOLIX, JRD SYSTEMS, ValueLabs, archents, magnasoft, Innominds Powering the Digital Next, techforce.ai, techolution, SOLUGENIX, Nendrasys, S&P Global, Radvi, iPrism, ENVISION, Sunseaz Technologies Pvt Ltd

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