

Data Science & Data Analytics Brochure

Welcome to RISE INSTITUTE!

 by RISE Institute



Ashish Barde & Team

Microsoft Certified Data Analyst, Power BI Consultants, and Founder of RISE Institute

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Message form Mr. Ankit Bedi (BookMyShow)



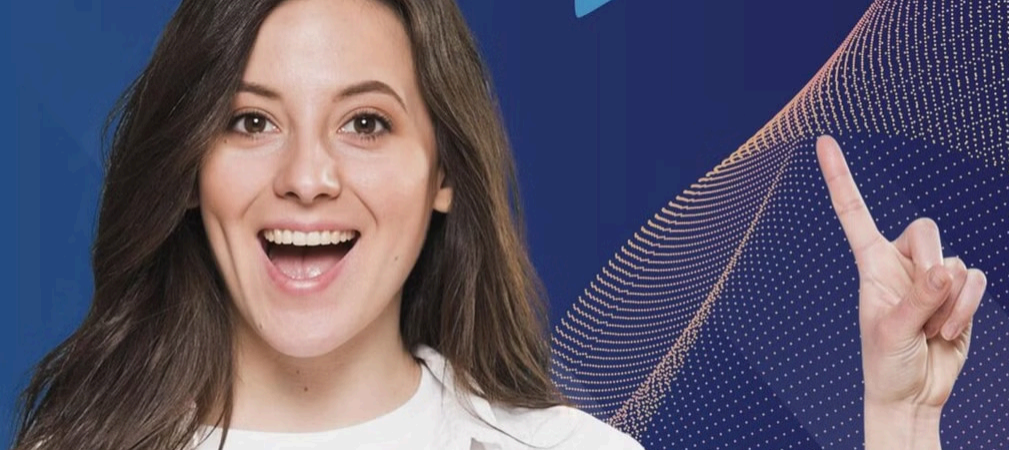
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Rise Institute on Instagram

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GET CERTIFIED IN SQL ANALYTICS



Data Science & Analytics - SQL

1st Week - Basic SQL

1

- Introduction to SQL
- What is Database?
- Software Installation
- TSQL vs PLQSL
- SQL Commands/ Statement/Subsets,
- DDL, DML, DQL
- DCL, TCL
- Delete/Drop/Truncate,
- Update/Delete Commands,
- DBMS vs RDBMS

2

2nd Week - Advance SQL for Data Analysis

- In & Between Operations,
- Airthmatic & Logical Operators,
- Concatenate & Like Operators,
- Like/Find/Replace Operators,
- Union & Union all Operators,
- Aggregate: Min, Max, Sum, Avg, Count, DinstinctCount Functions.
- Upper, Lower & CapitalEachWord String Functions,

3

3rd Week - PLSQL for Data Analysis

- Length, InString, SubString & Replace String Functions,
- Date Function: AddMonths, Date Difference, GetDate, DateName, DatePart, DateConvert, Nextday, LastDay, System date, TimeStamp.
- Characters To date, Date to Characters String Conversation function,
- SQL all Joins,
- Stored Procedures & Parameters,
- Advance Stored Procedures,
- SQL Index,
- SQL View,

4

4th Week - TSQL for Data Analysis

- Local and global tables,
- SQL Triggers,
- CTE: Common Table Expressions,
- Where, Group By, Having, Order by Clauses,
- Windows Functions : Rank, Dense_Rank, Row_Number, Row_ID,
- Primary Key & Foreign Key Relationships,
- Surrogate Key, Composite Key.
- Null, Not Null Constraints,
- Check, Default Constraints,
- Data Warehouse Concepts,
- SCDs, Schema, ER-Diagrams, Normalization, Facts and Dimensions, OLAP cube, OLTP etc.

5

5th Week - Project based Learning

- SSIS Project,
- Visual Studio SSDT Installation
- EMP_ETL Project
- Mapping Documents,
- Requirement Documents,
- Database Testing,
- Agile Methodologies etc...

6

6th Week - Project based Learning

Real Time Project

Resume Building Sessions,

1:1 Mentorship

Naukri Session, HR, & Manager Session.

Weekly Mock Project

Experience Certification

Q & A Session

7

GET CERTIFIED IN SQL ANALYTICS



Data Science & Analytics - Manual Testing

1st Week - Software Testing

- What is Software Testing?
- What is Project Vs Product.
- Software Development Life Cycle (SDLC)
- Software Organization Hierarchy Structure
- Software Development Life Cycle Models: Waterfall Model, V Model, Agile

1

2

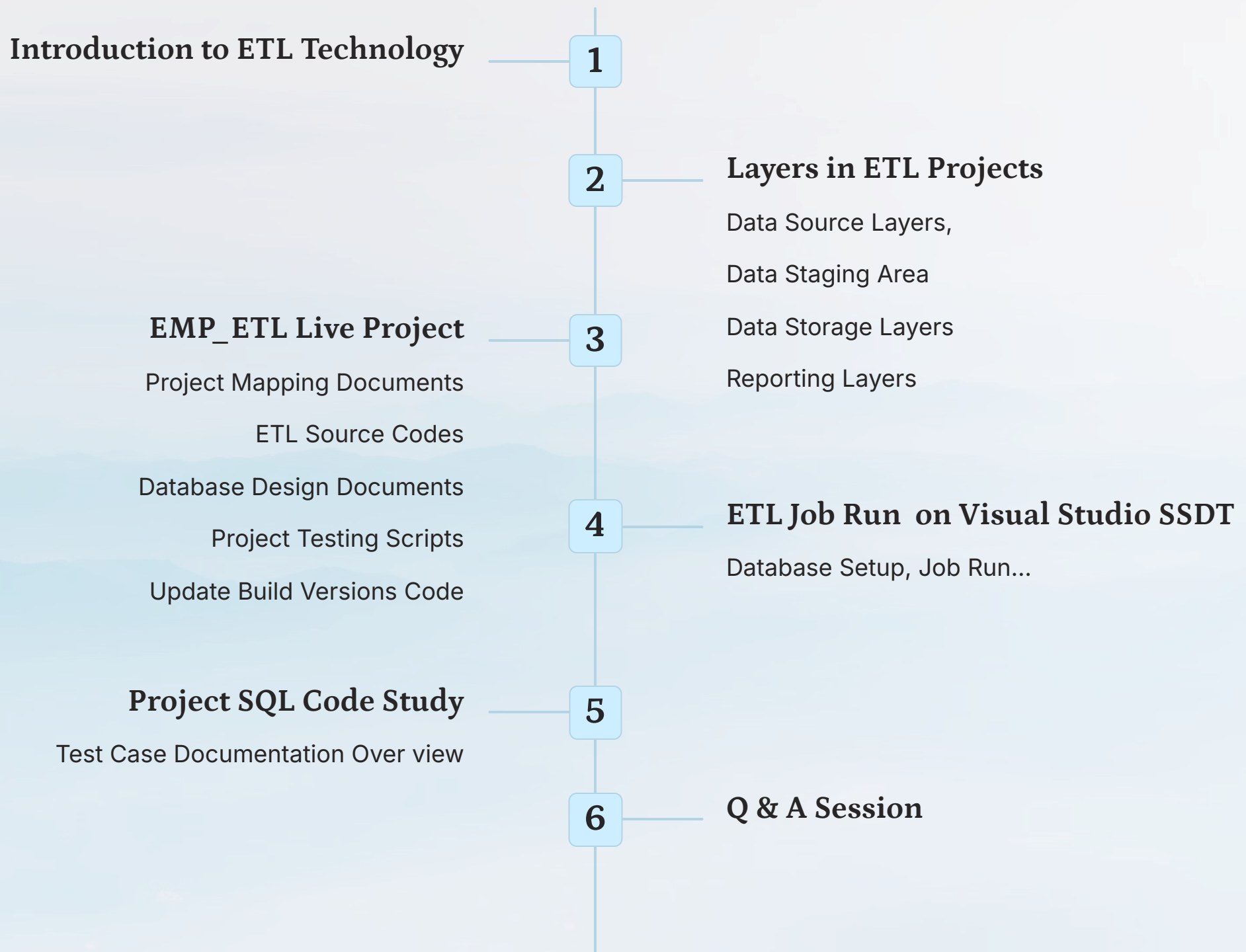
2nd Week - Data Warehouse Concepts

- Transactional V/S Analytical System
- Introduction Data Warehouse
- What is Data warehouse?
- Data Warehouse Architecture
- What is fact?
- What is Dimension?
- Star Schema and Snowflake Schema, Galaxy schema
- Normalized and Denormalized Data

Q & A Session

3

Data Science & Analytics - ETL



- ▶ Online Training
- ▶ Classroom Training
- ▶ Hybrid Training



Data Science & Analytics- Power BI

1st Week - BI Concepts

Business Intelligence Concepts

- Descriptive Analysis
- Predictive analysis
- layers in Bi system
- Data Analytics
- Data Types
- Power BI Components

1

2

2nd Week - Project based Learning

Power Query Editor : Data Transformation with M-Code, Concatenate, Inserted, Extracted, Marge, Split, Extract, Rounding Columnn,...

- Append, Marge Query & AI Insights
- Manage Columns, Transpose, Pivot & Unpivot, Data Type, Number & Text Column
- Custom, Conditional & Index Column, Date & Time functions.
- Data Profiling & Column Profiling

3rd Week - Project based Learning

Power BI Desktop :

- DAX, Time Intelligence Functions, Calculated Tables, Calculate Columns, Row Context, Filter Context, Measures, Data Category, Summarization, Data hierarchy,
- Report View : Field Pane, Visualization Pane, Format Pane, Conditional formatting.
- All Filters : Visual Level, Page Level, Report Level, Drill Through & Drill Down

3

4

4th Week - Project based Learning

Interactive Dashboards with Build-in & custom visuals

- Data View : DataType, Format & Preview.
- Data Sources : XML, CSV, PDF, Folder with Combine Files, Enter Data,
- Normalization, De-Normalization Concepts
- SQL Server - Import & Direct Query

5th Week - Project based Learning

- Model View : Cardinality, Manage Relationship, Facts And Dimensions, ER-Diagram, Schema,
- Relationship - One to Many Cardinality (Primary Key & Foreign Key)
- Bookmark, Selection Pane, Performance Analyzer & Sync Slicers.
- Securities : Row Level Securities (RLS) - Static and Dynamic.
- Q & A, Transform Data and Publish

5

6

6th Week - Project based Learning

Power BI Services :

Workspace, My Workspace, Premium vs Pro, DataSets, Dashboards, RLS,...

Power Apps, Admin, Member, Contributor, Viewers Access.

Gateway Installations - Personal & Standard

- 👉 SSIS
- 👉 ETL Project
- 👉 HR, Manager Session

7th Week - Highlights

Real Time Project
Resume Building Sessions,
1:1 Mentorship
Naukri Session, HR, & Manager Session.
Weekly Mock Project
Experience Certification

7

8

Q & A Session

Call Now for Free Workshop

Data Science & Analytics - Advance Excel

1st Week , Introduction to Excel

1

- MS Excel Vs BI
- Excel Window
- Workbook Name
- Sheet Name
- Tabs & Commands
- Ribbon Bar
- Name Box
- Formula Bar
- Page View
- Zoom Size
- 👉 File Tab
- 👉 Home Tab
- Clipboard
- Formatting
- Paste Special
- Sub formatting
- Custom Number Format
- Table Formatting
- Range and Table
- Find & Select
- Sort & Filter
- Types of Error

2

2nd Week - Advance Excel Analysis

- 👉 Formula Tab
- Formula & Functions
- Absolute & Relative Reference
- Volatile & Non-Volatile Functions
- Formula Categorization .
- 👉 Logical Functions
- Informative
- If
- Ifs
- 👉 Shortcut keys
- Cell Formatting Shortcut
- Workbook Shortcut
- Row and Column Formatting Shortcut
- Pivot Table Shortcut
- Alt keys
- Function keys
- Control keys
- Control & Numerical key
- Control & Alphabet keys
- Other Keys
- 👉 Lookup & Reference Functions
- Pre-questions
- Lookup
- Index-Match
- Reference
- 👉 Conditional Formatting
- 👉 Data Tab
- Data options
- 👉 Review Tab
- 👉 View Tab

3rd Week - Advance Excel Analysis

3

- 👉 Insert Tab
- 👉 Page Layout Tab
- 👉 Date & Time functions
- Time
- Date
- Date-value
- Days
- Month
- Workday
- Weekday
- 👉 Statistical
- Sum
- Average
- Count
- Large
- Small
- Product
- Subtotal
- Rank/Rand
- 👉 Text functions
- Join

4

4th Week - Advance Excel Analysis

- 👉 Pivot Table
- Pre-requestion
- Steps to insert
- Interface Fields Options
- Report Layout
- Field Settings
- Slicer & Timeline
- Get pivot data



Data Science & Analytics Syllabus - Python

AI ML

1st week Python

1

1. Installation of Python
2. Installation of Anaconda, IDLE and Jupyter notebook
3. History and Introduction of Python
4. Application of Python
5. Why we choose Python for Data Science and AI?
6. Types of values
7. Print (), type (), len() methods,
8. String operations
9. Input and output
10. Using str in input
11. Type of input i.e int, float
12. Use of eval function
13. Data structures in Python
14. List
15. List operations, methods
16. List comprehensions
17. Tuple
18. Tuple methods like index, count
19. Differentiation between list and tuple

2

2nd Week Python

1. Set
2. Dictionary
3. Del statement
4. Control statements
5. If, if_else
6. Elif
7. Range function
8. Loops in Python
9. For loop
10. While loop
11. Infinite loop
12. Functions
13. Types of functions
14. In-built and User defined
15. What are functions?
16. Arguments
17. Types of arguments
18. *Argument and **keyword argument
19. Default argument
20. Return statement
21. Lambda expression
22. Filter function
23. Map function

3rd Week - Advance Python

3

Advanced Python (Libraries)

1. NumPy
2. Pandas
3. EDA using Pandas
4. Matplotlib
5. Seaborn
6. Plots using Matplotlib and Seaborn

1. File Handling
2. Error Handling
3. What are errors and exceptions?
4. Classes and objects
5. How to create an object of a class?
6. Inheritance
7. Multiple inheritance
8. Polymorphism
9. Encapsulation
10. Access modifiers - Public, private and protected
11. Iterators and generators

4

4th Week - Machine Learning

1. Introduction of Machine learning
2. Real life application of ML
3. Features of ML
4. Types of ML
5. Supervised learning
6. Unsupervised Learning
7. Reinforcement learning
8. Machine learning algorithms

5th Week - Artificial Intelligence

5

1. Introduction of AI and Deep learning
2. Application of AI and DL
3. Neural network and its components
4. CNN
5. RNN
6. Tensorflow
7. Introduction to NLP

6

6th Week - Project based Learning

- Real Time Project
- Resume Building Sessions,
- 1:1 Mentorship
- Naukri Session, HR, & Manager Session.
- Weekly Mock Project
- Experience Certification

Q & A Session

7

MODERN DATA SCIENTIST


Data Scientist, the sexiest job of 21th century requires a mixture of multidisciplinary skills ranging from an intersection of mathematics, statistics, computer science, communication and business. Finding a data scientist is hard. Finding people who understand who a data scientist is, is equally hard. So here is a little

Road Map for Upcoming Batch:





Click here to watch Rise Institute Testimonials: 




Discussion with Harshal Mule
LPA Package as a Business Analyst
In Just 5 Months

WATCH NOW 30:07

YouTube [Link](#)

Discussion with ...
#carreradvice
#package #itjobs...

Mr. Harshal Mule
Company : Palfinger India.
Business Manager
Package : 21+ LPA




Discussion with Akash Gidde
LPA Package as a Power BI Developer
In Just 4 Months

WATCH NOW 39:13

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Discussion with ...
#datasciencecareer
#dataanalytics...

Mr. Akash Gidde
Company : National Stock Exchange (NSE).
Data Scientist
Package : 10+ LPA



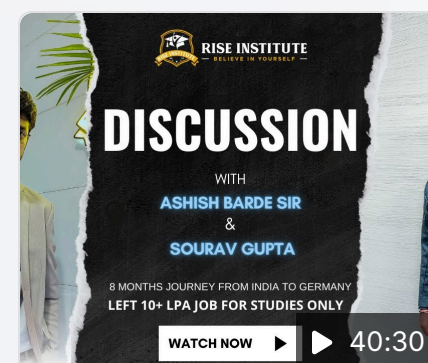
DISCUSSION WITH RAKESH
8 LPA+ Package as a Data Analyst - II
In Just 6 Months

WATCH NOW 44:42

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Discussion With ...
Don't miss out on this opportunity to level ...

Mr. Rakesh Haldar
Company : Signant Health, USA.
Sr. Data Analyst
Package : 10+ LPA



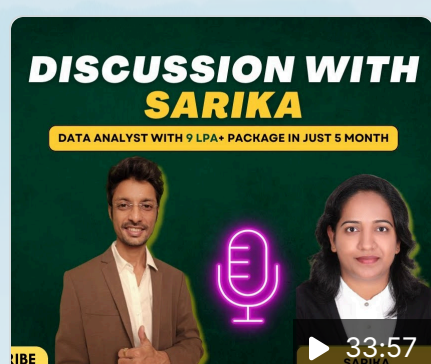
DISCUSSION WITH ASHISH BARDE SIR & SOURAV GUPTA
8 MONTHS JOURNEY FROM INDIA TO GERMANY
LEFT 10+ LPA JOB FOR STUDIES ONLY

WATCH NOW 40:30

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DISCUSSION WIT...
#sqlfreecourse
#learnsql...

Mr. Sourav Gupta
Place: Berlin Germany
- 6 Month Journey India to Germany
AIML Engineer
Package : 13+ LPA



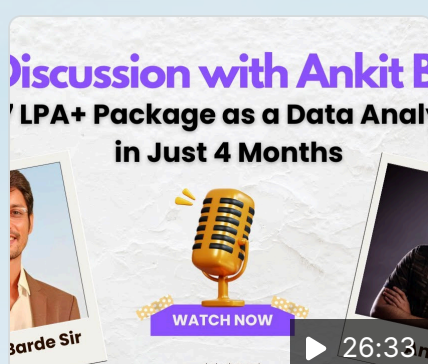
DISCUSSION WITH SARIKA
DATA ANALYST WITH 9 LPA+ PACKAGE IN JUST 5 MONTH

WATCH NOW 33:57

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Data Science Car...
#datascience
#dataanalytics...

Mrs. Sarika Salunke
Company : Secur
Sr. Data Analyst
Package : 12+ LPA



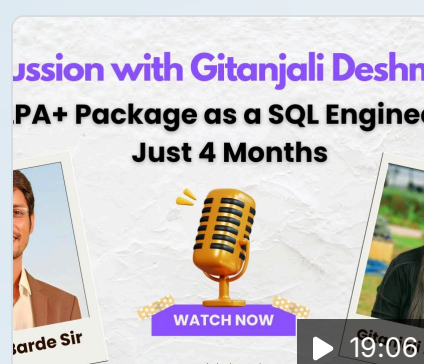
Discussion with Ankit Badi
LPA+ Package as a Data Analyst
in Just 4 Months

WATCH NOW 26:33

YouTube [Link](#)

5.Interview Secre...
Discover an inspiring journey of career...

Mr. Ankit Badi
Company : BookMyShow.
Sr. Business Analyst
Package : 18+ LPA



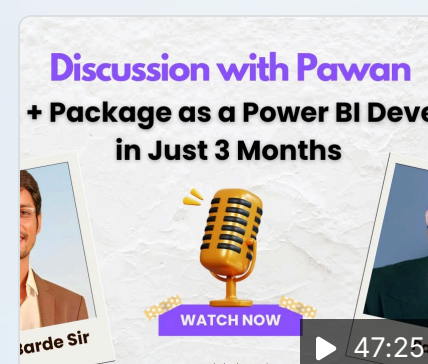
Discussion with Gitanjali Deshmukh
LPA+ Package as a SQL Engineer
Just 4 Months

WATCH NOW 19:06

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6."Breaking Barri...
Discover the awe-inspiring journey of ...

Mrs. Gitanjali Deshmukh
Company : TCS
Sr. SQL Engineer
Package : 9+ LPA



Discussion with Pawan Jalkote
LPA+ Package as a Power BI Developer
in Just 3 Months

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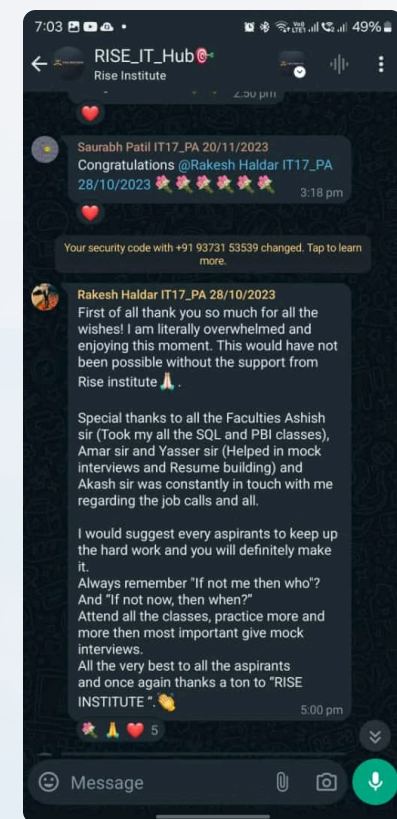
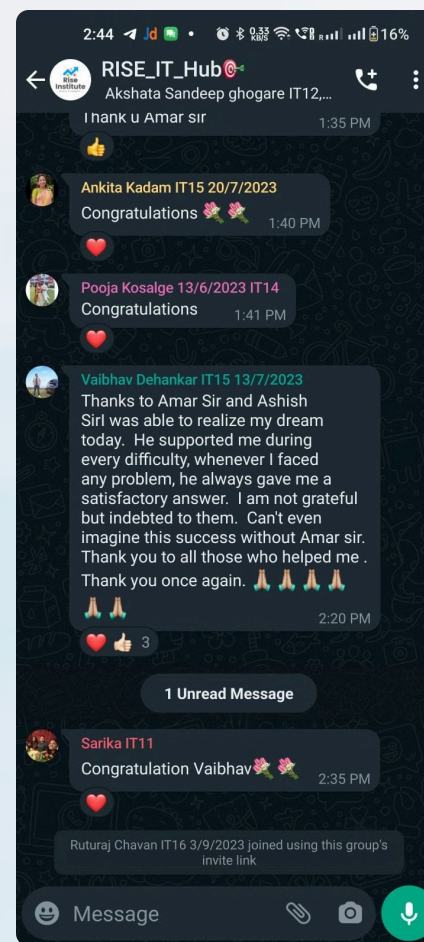
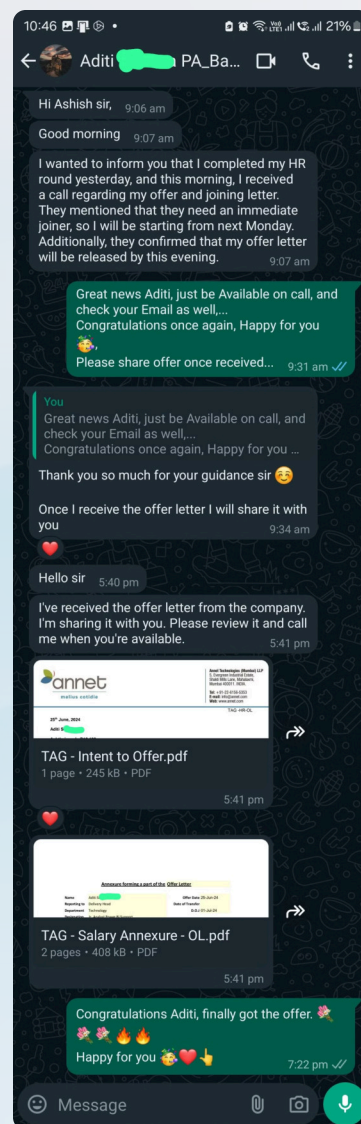
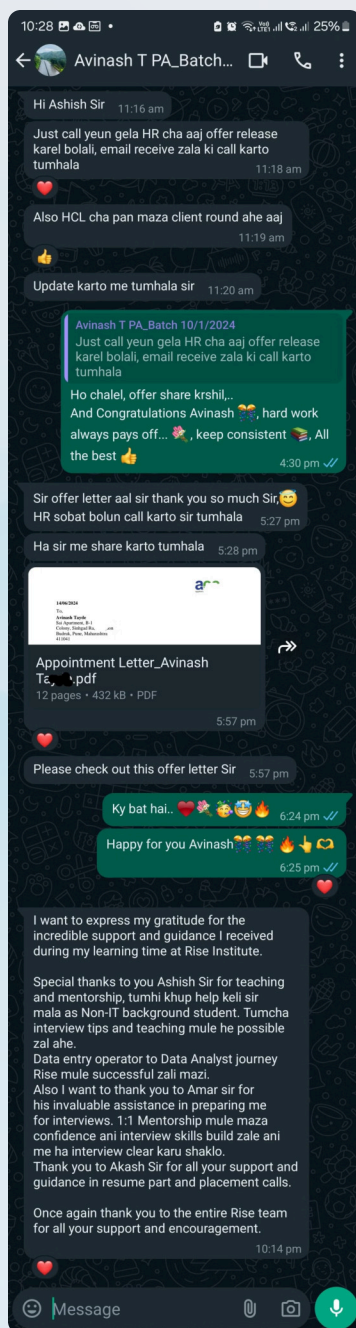
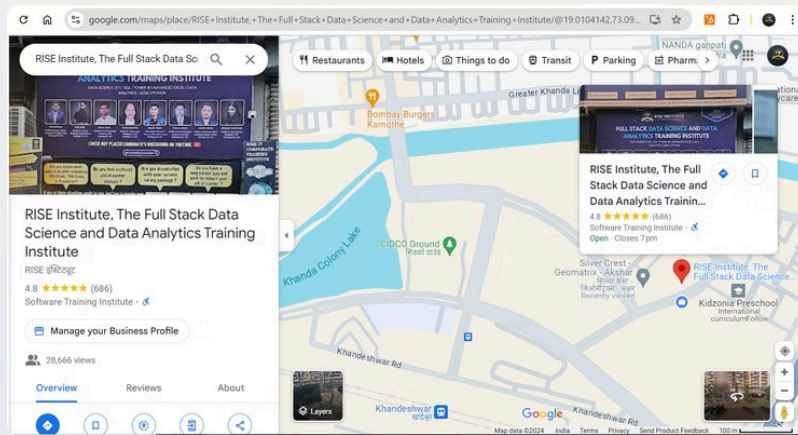
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Discussion with P...
#datasciencecareer
#dataanalytics...

Mr. Pawan Jalkote
Company : Kernshell
Power BI Developer
Package : 9+ LPA

and many more...

RISE Institute's Testimonials & Google Page:



and many more...

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About RISE Institute & Team

Rise Institute: A leading corporate training institute, specializing in data science and analytics. Fulfilling your career in the booming world of data! We empower you with skill-building training and real-world experience to become a highly skilled Data Analyst, Business Analyst, Power BI Developer, Database Developer, or Data Scientist.

Ashish Barde

Founder

@Microsoft Certified Data Analyst, PowerBI Developer

Pratik Wasnik

Co-Founder

@Data Analyst, Operation Specialist, Mumbai Branch.

Minal Gopnarayan

Co-Founder

@Market Analyst, Mumbai Branch

Suyash Kamble

Digital Marketing Head

@Data Analyst, Manager., Mumbai Branch

Akash Pawar

Mentorship Head

@Data Analyst, Manager, Mrutizapur Branch

Supriya Singh

HR Manager

@Business Analyst, Mumbai Branch.

Priya Balpande

HR Manager

@Business Analyst, Mumbai Branch

Eshika Ingole

HR Manager

@Business Analyst, Navi Mumbai Branch

Anushka Khandare

HR Manager

@Business Analyst, Navi Mumbai Branch

Ajay Gcharge

Business Analyst

@Data Analyst, Navi Mumbai Branch

Amar Sir

VP-BI wing in MNC's

@Microsoft Certified Data Analyst, Head Mento

Yasir Sir

Head Mentor

@Microsoft Certified Data Analyst, Power BI Developer



RISE Upcoming Batch Schedule:

Free Masterclass & Doubts Clearing Sessions -

RISE INSTITUTE Fees Structure :

Batch Code	Course Name (Tools & Technologies)	Batch Duration	Final Course Fees for Regular Students
Full Stack Data Science & Data Analytics Integrated Course	Advance Excel, SQL, ETL , Power BI , Database Development, Visualization, Python Programming, Generative AI & Machine Learnings, Cloud Computing,.. Bonus 🙌 Manual Testing and UNIX — Course Free Unlimited Interview Call, 100% Guaranteed Placement Process,..	8months and Support till Placement	50,000/- (70% Off) 1,60,000- <i>(No-cost EMI - Just 2777/- per Month)</i> <i>Bajaj-Finance, Credit Card, UPI, Cash.</i>
Data Analytics Course	Advance Excel, SQL, ETL , Power BI , 1:1Mentorship, Repeat Session, Bonus 🙌 Manual Testing and UNIX — Course Free Unlimited Interview Call, 100% Guaranteed Placement Process,..	6- months and Support till Placement	40,000/- (60% Off) 1,00,000- <i>(No-cost EMI - Just 2222/- per Month)</i> <i>Bajaj-Finance, Credit Card, UPI, Cash.</i>
Adv. EXCEL Analysis	For MIS, Advance Excel Analysis with AI Features.	1 month	8000/- (40% Off) 12,000-
Python AIML	Python Developer, Generative AI & Machine Learnings.	2months to 3month	20,000/- (20% Off) 25,000-
SQL	SQL - PLSQL, TSQL Developer	1.5 months	18,000/- (10% Off) 20,000-
Power BI	Power BI Developer	2 months	22,000/- (10% Off) 25,000-

Hands-on Training Includes:

- Live Projects
- Comprehensive Notes and Codes
- Live Recorded Videos
- Daily **1:1** Mentor Interaction
- Internship & Resume Building

Extra Benefits Include:

- Corporate Communication Practices
- **₹ 0 fees** for Orphan & Martyrs Family
- HR Negotiation & Guidance
- Technical Support
- **100% Job** Guarantee After Mock Interview

RISE Data Science & Data Analytics - Batch Details:

Batch Name	Start Date	To Join 5-Days FREE Intensive Masterclass, click on button, Limited Seats!
Full Stack Data Science & Data Analytics Hands-on Corporate Training & Certification Course.	Sunday, 13th Oct 2024 @12pm	Click here to Book a Seat
Full Stack Data Science & Data Analytics Hands-on Corporate Training & Certification Course.	Sunday, 20th Oct 2024 @12pm	Click here to Book a Seat

[Click here to Connect with Pratik sir for Admission related Queries](#)