

CODE BASICS PRESENTS

SOL THE DATA ANALYST **BOOTCAMP**

FOR ALL YOUR DATA PROFESSIONALS

5.0

JOB ASSISTANCE | AI PROJECTS | DATA ENGINEERING BASICS

By

CODE
B A S I C S

THE BOOTCAMP
YOU DESERVE



CODEBASICS' STORY



In 2016, **Dhaval Patel**, the founder of Codebasics, created the '**Codebasics' YouTube channel**' to share his knowledge as a means to gain mental peace during a significant health struggle. He discovered his passion for teaching and realised his unique ability to simplify complex topics. The love and blessings from thousands of students started to heal his health issues. This transformative experience soon became his life's purpose and even led him to consider leaving his lucrative job at Bloomberg, New York.

In 2020, one of Dhaval's subscribers, **Hemanand Vadivel**, a **data analytics expert** working in Europe, wished to contribute to the Codebasics' community as a 'payback' for what he learned from the Codebasics channel. In 2021, Hemanand began creating impactful videos for Codebasics, and it helped him heal from the trauma of losing family members to Covid-19. Seeing their shared values, Dhaval proposed a collaboration: creating the best, most affordable Power BI course on the planet.



JUNE 2022

After six months of dedicated collaboration, they released the Power BI course in June 2022, which was met with overwhelming positivity. By this time, both Dhaval and Hemanand had already left their high-paying jobs to create 'Codebasics' as a full-time learning tech company. They made this decision after discovering their 'Ikigai', their true purpose: to make a meaningful impact through education, without any gimmicks.

In the era of commoditized education, where millions of courses are offered for profit but lack true value, Dhaval and Hemanand prioritized providing authentic, job-relevant learning experiences with honest pricing. Besides job-related affordable courses, Codebasics offers high-quality free content and conducts several initiatives to support aspirants including mothers returning to work. This embodies their core vision of providing authentic job-related learning experiences to everyone, irrespective of their financial condition.

JAN 2025

Codebasics has more than
1 Million+ learners
in their community and strongly marching
forward with a vision to unleash at least
5 Million+ potentials by 2026.

YOUR TEACHERS ARE INDUSTRY EXPERTS



Dhaval Patel

Data Entrepreneur (13+ Years),
YouTuber,
Ex - Bloomberg, NVIDIA

I have 18 years of experience in Programming and Data Science working for big tech companies like NVIDIA and Bloomberg. I also run a famous YouTube channel called Codebasics where I pursue my passion for teaching.



Hemanand Vadivel

Ex- Data Analytics Manager,
8+ Years in Europe, Microsoft Certified,
Certified Supply Chain Professional

I'm a Mechanical Engineer who transitioned to a full-time Data & Analytics Manager in the UK & Germany. I have delivered 30+ analytics projects over 15+ countries and trained professionals at different levels to equip them with valuable analytics skills.



DATA ANALYTICS BOOTCAMP 5.0

JOB ASSISTANCE | AI PROJECTS | DATA ENGINEERING BASICS



WHY THIS IS THE MOST EFFECTIVE BOOTCAMP ON THIS PLANET

-  We respect both your time and money. Hence, we recommend you take our short **Data Analyst Survey** before enrolling in our Bootcamp.
-  We offer unlimited chat support for doubt clearing through discord.
-  The projects you will be working on will be related to FMCG, Hospitality, including Finance, Sales, and Supply Chain Analytics and more will be added in the future.
-  We provide comprehensive practical job assistance that includes: Resume and Interview Preparation, Virtual Internships, Interview Playbook, Mock Interviews and Building Online Credibility.
-  You will experience highly engaging content that provides a cinematic feel, real-world business practice problems, and interactive business meetings.
-  In this bootcamp, you won't be working on toy datasets. Instead, you'll tackle complex datasets used by real companies, with millions of records.
-  100% refund within 30 days and pay the difference feature.

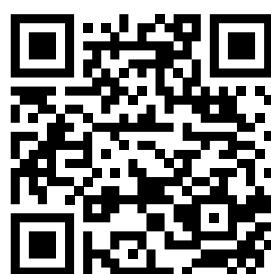
**Scan the
QR Code
to start the survey!**



WHAT'S NEW IN DATA ANALYST BOOTCAMP 5.0?

- ✓ Data Engineering Basics for Data Analysts module so that you can stay ahead in the competitive job market.
- ✓ 6 AI Automation Workflows for Analysts with real business projects that prepare you for the AI-driven era.
- ✓ LinkedIn Optimizer with AI that can review your profile and suggest corrections to make your profile noticeable to recruiters.
- ✓ Upgraded Resume Builder that can give you recommendations to make sure it passes ATS (Applicant Tracking Systems).
- ✓ Enhanced job placement features that help you build your career with the help of a dedicated talent management team.

Scan the
QR Code
to know more!



EXCEL

MOTHER OF BUSINESS INTELLIGENCE

Beginners to Advanced course for those who are preparing for a data career (especially Data Analysts). This course is carefully curated by industry experts to **mimic real-world scenarios** that prepare you to become a market fit. You will also get practical exercises to practice and get a **simulated experience of a data analyst** using excel to solve problems.



9400+ Learners | **4.9 Rating**

SYLLABUS

- Excel introduction
- Formulas
- Tables
- Charts
- Essential features
- Cleaning bad data
- Combining data with VLOOKUP, INDEX MATCH, XLOOKUP
- Basic Maths and Statistics
- Commonly Used Business Metrics (P & L)
- Mean, Median, Mode
- Variance, Standard Deviation
- Correlation
- Merging Data
- Adding New Columns
- Loading Power Query Data to Excel
- Report creation
- Pivot Table options and formatting
- Power Pivot and DAX
- Data modeling
- Conditional formatting
- Basics of VBA
- ETL (Extract, Transform & Load Data)
- Functional Knowledge: Sales
- User Empathetic Report Design
- Sales Analytics

POWER BI 3.0 WITH FABRIC

GET JOB READY: POWER BI DATA ANALYTICS FOR ALL LEVELS

A practical beginner's course that will prepare you for the Data Analyst, Business Analyst, or Power BI Developer job market through a **true end-to-end Power BI** project carefully curated to provide you with **real organizational experience**, business context, and now, exclusive Microsoft Fabric integration to advance your analytics journey.



6900+
Learners

4.9
Rating

SYLLABUS

- What is Power BI 3.0
- Basics of Power Query
- Simplified: Profit and Loss Statement
- Data Warehouse, OLTP vs OLAP, Data Catalog
- Data Exploration
- Fact vs Dimension Tables
- Review Finance View Mockups
- Transform Data in Power Query Editor
- Create Calculated Columns in Power Query Editor
- Power Query Best Practices
- Basics to Advanced DAX
- M language
- Data Visualisation – Basic to Advanced Charts
- Filter, Slicer, Bookmarks
- Interview Preparation Checklist
- Toggle Button, Tooltip
- Data Modelling: Star and Snowflake Schema
- Report Optimization using DAX Studio
- Build Finance View
- Build Sales, Marketing & Supply Chain View
- Build Key Measures, Calculated Columns
- 15 Design Rules for an Effective Dashboard
- User Acceptance Test Report
- Power BI Service Overview, Report Sharing, and Apps
- Set Up Automatic Data Refresh
- Project Portfolio for Your Resume
- Resume Writing Tips
- Job Application Tips
- Interview Tips
- Tasks based on Power BI monthly updates

MICROSOFT FABRIC MINI COURSE

Learn how to use Microsoft Fabric to advance your data analytics workflow. This module builds on your Power BI knowledge and includes a real-time Pilot Project demo to help you understand Microsoft Fabric more effectively.

The diagram illustrates the data flow process:

- MySQL** → **Transformations (Data Flow B)**
- Transformations (Data Flow B)** → **Transformed data storage (Lakehouse_BI_360)**
- Replace Data Source in BI 360 power queries**

SYLLABUS

- ✓ Overview of Microsoft Fabric: Key Offerings and Capabilities
- ✓ Essential Knowledge for Data Analysts in Microsoft Fabric
- ✓ **Data Storage Options:**
 - OLTP and SQL Databases
 - OLAP: Lakehouse, Warehouse, and Eventhouse
- ✓ Data Transformation: Using Dataflow Gen2
- ✓ Data Orchestration: Setting Up Refresh Pipelines
- ✓ Migrating Power BI Reports to Microsoft Fabric

SQL

BEGINNER TO ADVANCED FOR DATA PROFESSIONALS

Beginners to advanced course for those preparing for a data career (data analyst, data scientist, or data engineer). This course is carefully curated to **simulate real-time organizational** experience to prepare you for the current job market and at the same time provides you with an ultimate learning experience through a **storytelling mode** that you would see in movies.



8700+
Learners

4.9
Rating

SYLLABUS

- Install MySQL: Windows
- Install MySQL: Linux, Mac
- Retrieve Data Using Text Query
(SELECT, WHERE, DISTINCT, LIKE)
- Retrieve Data Using Numeric Query
(BETWEEN, IN, ORDER BY, LIMIT, OFFSET)
- Summary Analytics
(MIN, MAX, AVG, GROUP BY)
- HAVING Clause
- Calculated Columns
(IF, CASE, YEAR, CURYEAR)
- Joins
(INNER, LEFT, RIGHT, FULL,CROSS)
- Join More Than Two Tables
- Subqueries
- ANY, ALL Operators
- Correlated Subquery
- Common Table Expression (CTE)
- CTE Benefits & Other Applications
- Entity Relationship Diagram (ERD)
- Database Normalization and
Data Integrity
- Data Types: Numeric
(INT, DECIMAL, FLOAT, DOUBLE)
- Data Types: String
(VARCHAR, CHAR, ENUM)
- Data Types: Date, Time
(DATETIME, DATE, TIME, YEAR, TIMESTAMP)
- Data Types: JSON, Spatial
(JSON, GEOMETRY)

- Primary Key
 - Foreign Key
 - Entity Relationship Diagram – ERD
 - INSERT, UPDATE, DELETE Statement
 - ETL, Data Warehouse
 - OLAP vs OLTP, Data Catalog
 - Fact vs Dimension Table
 - Star vs Snowflake Schema
 - Data Import
 - Simplified: What is Kanban?
-
- User-Defined Functions
 - Stored Procedures
 - Database Views
 - Window Functions OVER Clause, ROW_NUMBER, RANK, DENSE_RANK
 - Database Triggers
 - Database Events
 - User Accounts and Privileges
 - Database Indexes

PYTHON

FOR BEGINNER AND INTERMEDIATE LEARNERS

This project-based learning course will teach Python through hands-on experience with two real-world projects: (1) Data analysis in the hospitality domain and (2) Building an expense tracking system. It is designed for both complete beginners with no prior coding experience and those with some Python knowledge looking to enhance their skills. The course is taught by an industry expert with over 14 years of experience at leading tech companies such as Nvidia and Bloomberg.



7200+
Learners

4.9
Rating

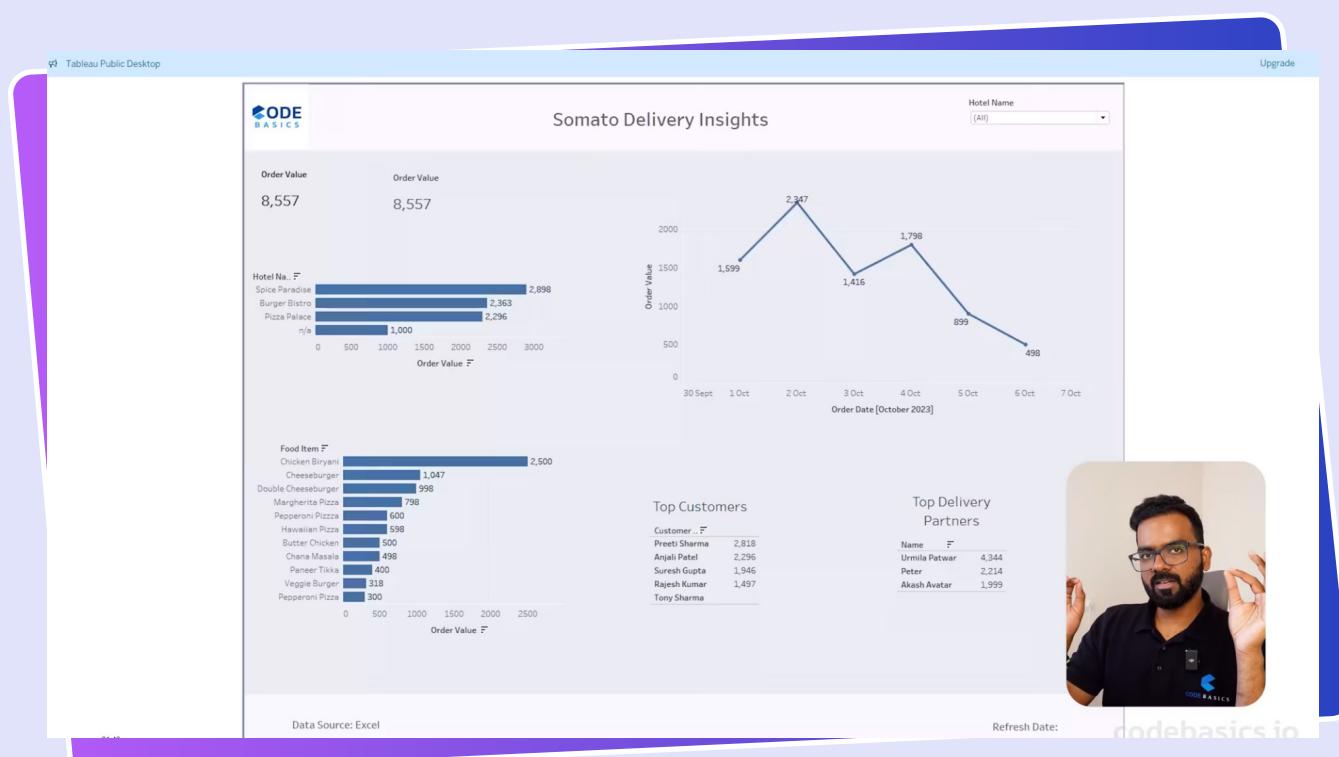
SYLLABUS

- | | |
|---|---|
| <ul style="list-style-type: none"><input checked="" type="checkbox"/> Python Installation – Windows<input checked="" type="checkbox"/> Python Installation – Linux<input checked="" type="checkbox"/> Python Installation – Mac<input checked="" type="checkbox"/> Variables<input checked="" type="checkbox"/> Numbers<input checked="" type="checkbox"/> Strings<input checked="" type="checkbox"/> Lists<input checked="" type="checkbox"/> Install Pycharm<input checked="" type="checkbox"/> If Condition<input checked="" type="checkbox"/> For Loop<input checked="" type="checkbox"/> Functions<input checked="" type="checkbox"/> Dictionary and Tuples | <ul style="list-style-type: none"><input checked="" type="checkbox"/> File Handling<input checked="" type="checkbox"/> Classes and Objects<input checked="" type="checkbox"/> Operator Overloading<input checked="" type="checkbox"/> Inheritance<input checked="" type="checkbox"/> Exception Handling<input checked="" type="checkbox"/> Main Function<input checked="" type="checkbox"/> Numpy Introduction and Benefits<input checked="" type="checkbox"/> Basic Operations<input checked="" type="checkbox"/> Matrix Operations<input checked="" type="checkbox"/> Slicing, Stacking<input checked="" type="checkbox"/> Pandas Introduction and Installation |
|---|---|

- | | |
|---|---|
| <ul style="list-style-type: none"><input checked="" type="checkbox"/> Modules and Pip<input checked="" type="checkbox"/> Dataframe Basics<input checked="" type="checkbox"/> Read, Write Excel and CSV Files<input checked="" type="checkbox"/> Handle NA values<input checked="" type="checkbox"/> Group By<input checked="" type="checkbox"/> Concat and Merge<input checked="" type="checkbox"/> Data Visualization Using Matplotlib and Seaborn<input checked="" type="checkbox"/> Data Exploration<input checked="" type="checkbox"/> Data Cleaning<input checked="" type="checkbox"/> Data Transformation<input checked="" type="checkbox"/> Insights Generation<input checked="" type="checkbox"/> Set and Frozenset<input checked="" type="checkbox"/> Lists, Dict and Set Comprehensions | <ul style="list-style-type: none"><input checked="" type="checkbox"/> Dataframe Basics<input checked="" type="checkbox"/> Code Debugging Using PyCharm<input checked="" type="checkbox"/> Working with JSON<input checked="" type="checkbox"/> Generators and Iterators<input checked="" type="checkbox"/> Decorators<input checked="" type="checkbox"/> API<input checked="" type="checkbox"/> Calling APIs with request Package<input checked="" type="checkbox"/> Building APIs with FastAPI<input checked="" type="checkbox"/> Automated Testing with Pytest<input checked="" type="checkbox"/> Data Validation with Pydantic<input checked="" type="checkbox"/> Database CRUD Operations<input checked="" type="checkbox"/> Streamlit Introduction (Frontend)<input checked="" type="checkbox"/> Analytics: Backend (FastAPI) & Frontend (Streamlit) |
|---|---|

TABLEAU MINI COURSE

Boost your chances of getting a job by adding a new skill to your resume with our Tableau Mini Course. Designed for learners who are already familiar with Power BI, this course builds on your existing knowledge to help you learn Tableau using transfer-learning method. This course will guide you through the fundamentals of Tableau, enabling you to expand your data visualization skills seamlessly.



AI FOR DATA ANALYST

Enhance your role as a Data Analyst with our upgraded AI module, tailored to introduce new use cases of AI in your field. Learn how to leverage AI to stand out in your job by applying the latest AI technologies and methods. This module is designed to equip you with the skills needed to integrate AI tools effectively, helping you improve your analysis and make more informed decisions.

Business Team

- CEO
- Sales Head

Team Structure

- AI Product Manager

Technical Team

- AI Tech Lead
- AI Engineer
- AI Engineer

How can I start the presentation so that I grab their attention instantly?

To grab the attention of your business stakeholders instantly, you can start your presentation with a compelling opening that piques their curiosity and sets the stage for the insights and suggestions you will be sharing. Here's an example of how you can begin:

"Good morning/afternoon, esteemed stakeholders. Today, I am thrilled to share with you some fascinating insights that unveil the story of our sales growth over the past 12 months. As I delved into the data and analyzed the trends, I discovered compelling patterns and opportunities that have the potential to propel our business to even greater heights.

Picture this: **Imagine witnessing a remarkable journey of growth, where every data point and trend reflects the dedication and collective efforts of our team. Today, I stand before you armed with concrete evidence that showcases our success and provides strategic pathways for continued expansion.**

In the next few minutes, **I will walk you through our analysis of our sales growth, highlighting the key milestones, significant milestones, and areas of untapped potential.**

Character limit is the updated query.

```
sql
SELECT *
FROM orders
WHERE currency = 'USD'
OR currency = 'US $'
OR currency = 'Dollars';
```

In this query, the "like" operator is used to match the exact texts "USD", "US \$", and "Dollars" in the "currency" column. This will retrieve all the records where the currency column contains one of these exact texts.

Again, please make sure to replace "currency" with the actual column name from your table if it differs.

KEYWORD OR SKILL	COUNT	KEY SKILL
Power BI	4	★
BI	4	★
Business	3	
Data	3	
Designing	2	
Database	2	
SQL	1	★
UI/UX	1	★
Excel	1	★
Python	1	★

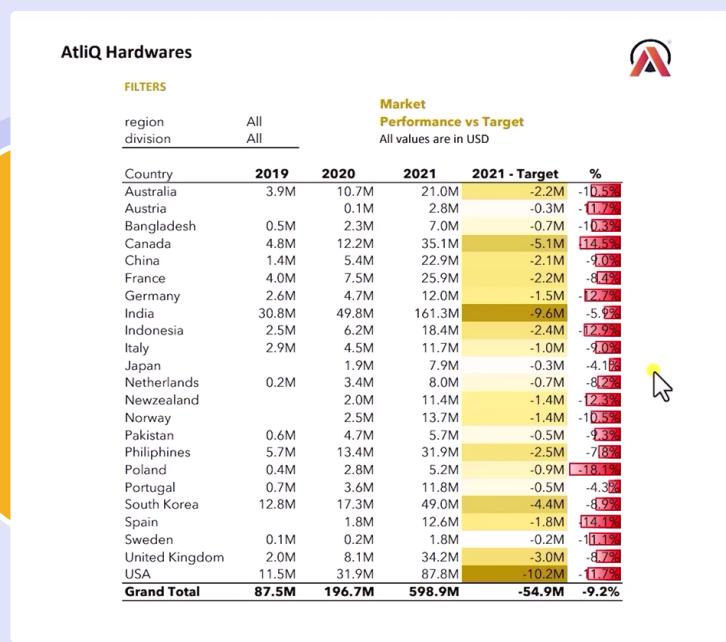
Primary Responsibilities

- Overall 10+ years of experience
- End-to-end experience in designing and deploying reports, dashboards, data visualizations
- Work on Business intelligence projects involving different data sources
- Create reports, dashboards, and visualizations using Power BI, QlikView, Tableau, etc.
- Perform data analysis and reporting using various tools like Python, R, SAS, SPSS, etc.
- Perform quality checks on the reports and dashboards generated, and continuously seek feedback to improve the quality and relevance of the reports.
- Bachelor's degree in Computer Science.
- Minimum 5 years of experience working as a Data Analyst.
- Experience in Microsoft Power BI, QlikView, Tableau, etc.
- Ability to work independently and as part of a team.
- Excellent communication, presentation, and interpersonal skills.
- Ability to learn new tools and technologies quickly.

BUSINESS PROJECTS

01 ATLIQ SALES REPORT

EXCEL



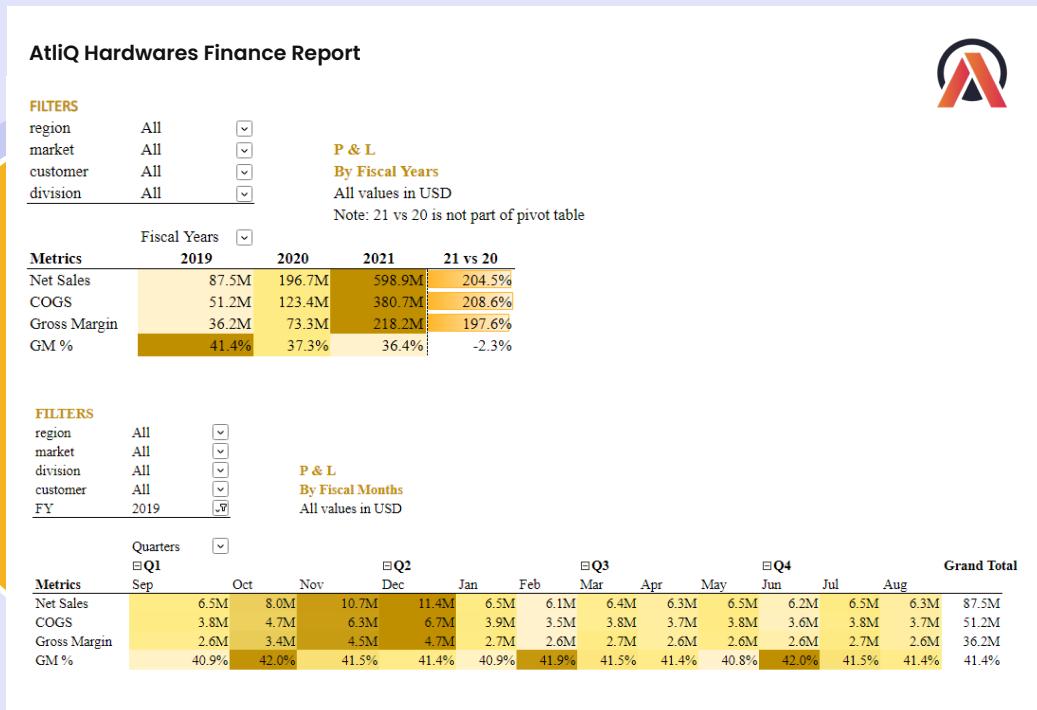
By completing this project, you will:

- Learn how to create reports that show how well customers are performing and compare market performance with sales targets.
- Develop skills in working with data, such as organizing and analyzing it using tools like Power Query, Power Pivot, and DAX.
- Gain the ability to understand sales data, identify trends, and track important indicators to make better decisions and allocate resources effectively.
- Understand the importance of sales reports in today's business world, where data-driven decisions, customized offerings, and profitability are crucial for staying competitive.

02 ATLIQ FINANCE REPORT

EXCEL

AtliQ Hardwares Finance Report



FILTERS

region	All	<input checked="" type="checkbox"/>
market	All	<input checked="" type="checkbox"/>
customer	All	<input checked="" type="checkbox"/>
division	All	<input checked="" type="checkbox"/>

P & L
By Fiscal Years
All values in USD
Note: 21 vs 20 is not part of pivot table

Metrics	2019	2020	2021	21 vs 20
Net Sales	87.5M	196.7M	598.9M	204.5%
COGS	51.2M	123.4M	380.7M	208.6%
Gross Margin	36.2M	73.3M	218.2M	197.6%
GM %	41.4%	37.3%	36.4%	-2.3%

FILTERS

region	All	<input checked="" type="checkbox"/>
market	All	<input checked="" type="checkbox"/>
division	All	<input checked="" type="checkbox"/>
customer	All	<input checked="" type="checkbox"/>
FY	2019	<input checked="" type="checkbox"/>

P & L
By Fiscal Months
All values in USD

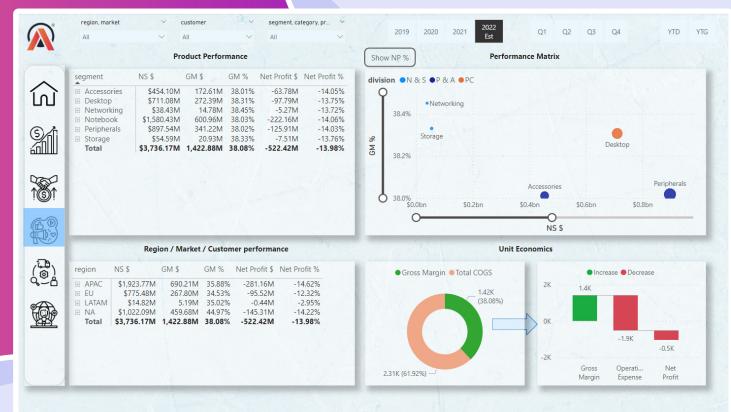
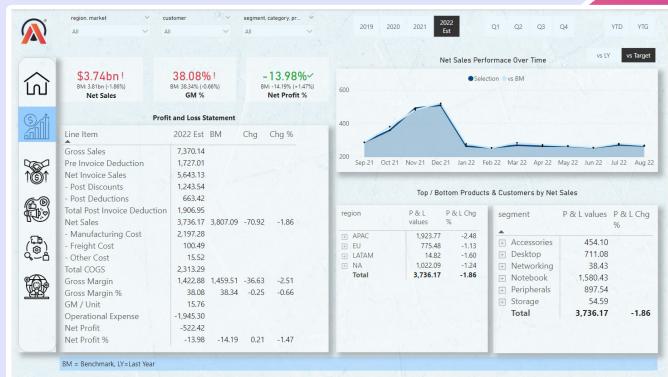
Metrics	Grand Total												
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
Net Sales	6.5M	8.0M	10.7M	11.4M	6.5M	6.1M	6.4M	6.3M	6.5M	6.2M	6.5M	6.3M	87.5M
COGS	3.8M	4.7M	6.3M	6.7M	3.9M	3.5M	3.8M	3.7M	3.8M	3.6M	3.8M	3.7M	51.2M
Gross Margin	2.6M	3.4M	4.5M	4.7M	2.7M	2.6M	2.7M	2.6M	2.6M	2.6M	2.7M	2.6M	36.2M
GM %	40.9%	42.0%	41.5%	41.4%	40.9%	41.9%	41.5%	41.4%	40.8%	42.0%	41.5%	41.4%	41.4%

By completing this project, you will:

- Gain domain knowledge by creating Profit and Loss (P&L) reports, evaluating financial performance, and communicating with stakeholders.
- Develop technical skills in understanding P&L statements, incorporating supplementary data, and optimizing report generation.
- Understand the importance of finance reports in today's business world, including their role in informed decision-making, financial stability, and strategic planning.

03 BUSINESS INSIGHTS 360

POWER BI



As part of this complex Power BI project, you will immerse yourself in a project environment setup. Taking on the role of "Peter Pandey," you will actively learn and navigate through the project flow, gaining valuable insights and practical experience in Power BI.

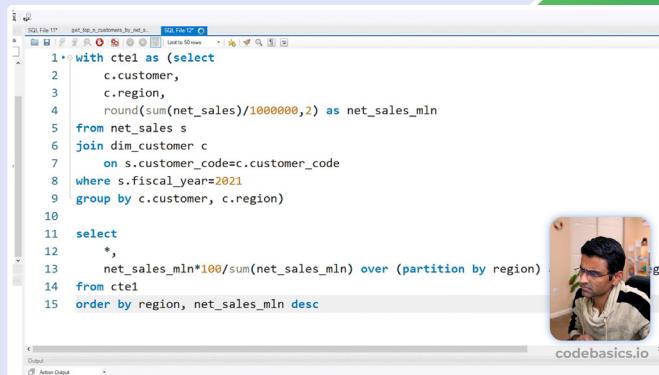
By completing this project, you will:

- Expand your knowledge and understanding of the e-commerce industry, including brick-and-mortar and online retail, as well as key functional areas like finance, sales, marketing, and supply chain management.
- Gain valuable technical skills in setting up project environments using MURAL, building Power BI dashboards, and utilizing Power BI for data analysis to drive effective decision-making within a company.
- Acquire real-world experience in using Power BI for data analysis and making informed decisions, which is highly relevant in today's business world where data-driven decision-making is crucial.
- Develop essential soft skills such as stakeholder management and effective communication, which are vital for success in any business setting.

04

FINANCE AND TOP N INSIGHTS

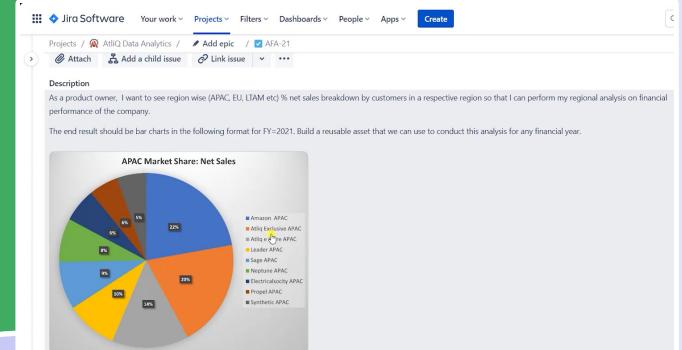
— SQL



```

1-- with cte1 as (select
2    c.customer,
3    c.region,
4    round(sum(net_sales)/1000000,2) as net_sales_mln
5  from net_sales s
6  join dim_customer c
7    on s.customer_code=c.customer_code
8  where s.fiscal_year=2021
9  group by c.customer, c.region)
10
11 select
12   *,
13   net_sales_mln*100/sum(net_sales_mln) over (partition by region)
14  from cte1
15 order by region, net_sales_mln desc

```



- Gain domain knowledge in finance analytics for the consumer goods industry, focusing on generating reports for key metrics.
- Develop technical skills in efficient SQL querying, utilizing User-Defined Functions, creating and executing stored procedures, and leveraging views for data analysis.
- Understand the significance of data-driven financial decision-making in today's competitive business landscape.
- Drive sustainable growth by utilizing automated reporting solutions, such as stored procedures, to provide accurate and real-time information for financial analysis and decision-making.

05 SUPPLY CHAIN ANALYTICS AND MODEL OPTIMISATION

SQL



SQL File 4 - New Edit File - get_forecast_accuracy - SQL File F4

```

1 • with cte
2 o   SELECT
3     s.customer_code,
4     sum(s.sold_quantity) as total_sold_qty,
5     sum(s.forecast_quantity) as total_forecast_qty,
6     sum((forecast_quantity-sold_quantity)) as net_err,
7     sum((forecast_quantity-sold_quantity))*100/sum(forecast_quantity) as net_err_pct,
8     sum(abs(forecast_quantity-sold_quantity)) as abs_err,
9     sum(abs(forecast_quantity-sold_quantity))*100/sum(forecast_quantity) as abs_err_pct
10    from gdb041.fact_act_est s
11   where s.fiscal_year=2021
12   group by customer_code;
13 • select
14   e.*,
15   c.customer,
16   c.market,
17   if (abs_err_pct > 100, 0, 100-abs_err_pct) as forecast_accuracy
18  from forecast_err_table e
19  join dim_customer c

```

By completing this project, you will:

- Gain domain knowledge in supply chain analytics for the consumer goods industry, focusing on forecasting errors and absolute error calculation.
- Develop technical skills in creating helper tables, managing triggers, and optimizing query execution time.
- Understand the significance of accurate demand forecasting for consumer goods companies and how supply chain analytics can achieve it.
- Acquire practical experience through hands-on exercises and real-world examples in consumer goods supply chain analytics.

06

HOSPITALITY DOMAIN DATA ANALYSIS

PYTHON



```

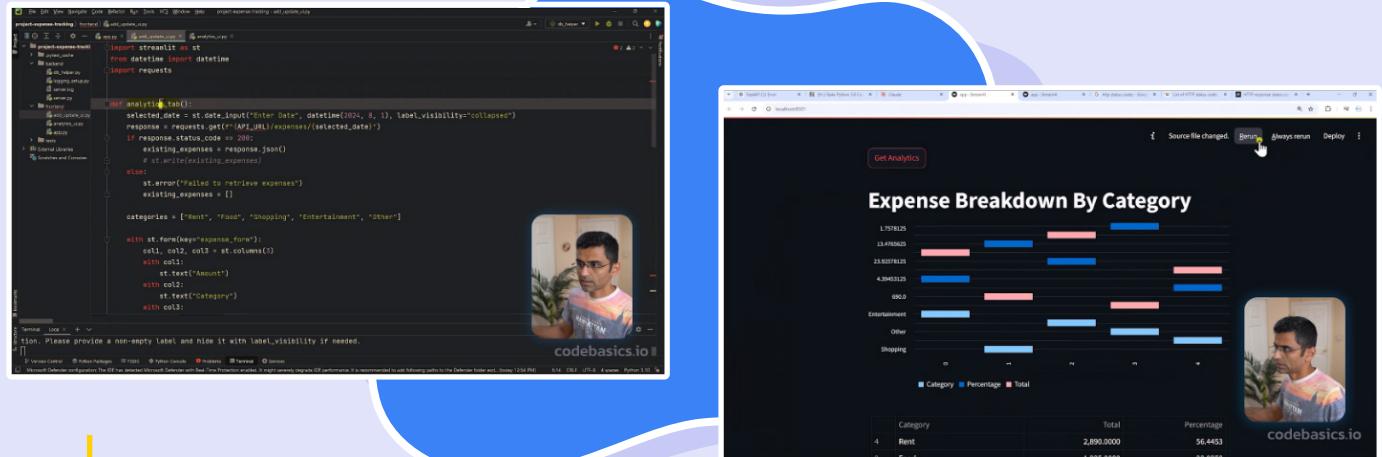
Out[96]: booking_id property_id booking_date check_in_date checkout_date no_guests room_category booking_platform ratings_g
In [97]: df_bookings_all.info()
<class 'pandas.core.frame.DataFrame'>
Int64Index: 134573 entries, 0 to 134572
Data columns (total 15 columns):
 #   Column           Non-Null Count  Dtype  
--- 
 0   booking_id      134573 non-null  object 
 1   property_id     134573 non-null  int64  
 2   booking_date    134573 non-null  object 
 3   check_in_date   134573 non-null  object 
 4   checkout_date   134573 non-null  float64 
 5   no_guests       134573 non-null  object 
 6   room_category   134573 non-null  object 
 7   booking_platform 134573 non-null  object 
 8   ratings_given   56676 non-null  float64 
 9   booking_status  134573 non-null  object 
 10  revenue_generated 134573 non-null  int64  
 11  room_type_retailized 134573 non-null  object 
 12  property_name   134573 non-null  object 
 13  category        134573 non-null  object 
 14  city            134573 non-null  object 
dtypes: float64(2), int64(3), object(10)
memory usage: 16.4+ MB

```

By completing this project, you will:

- Gain deep domain knowledge in the hotel industry, specifically in data analysis for operations, customer behaviour, revenue management, and market trends.
- Acquire essential technical skills using Python's Pandas library, including data cleaning, transformation, EDA, statistical analysis, and visualization.
- Recognize the high relevance of data-driven insights in today's business world for making informed decisions, optimizing operations, and enhancing customer experiences, not just in the hotel industry but across various sectors.

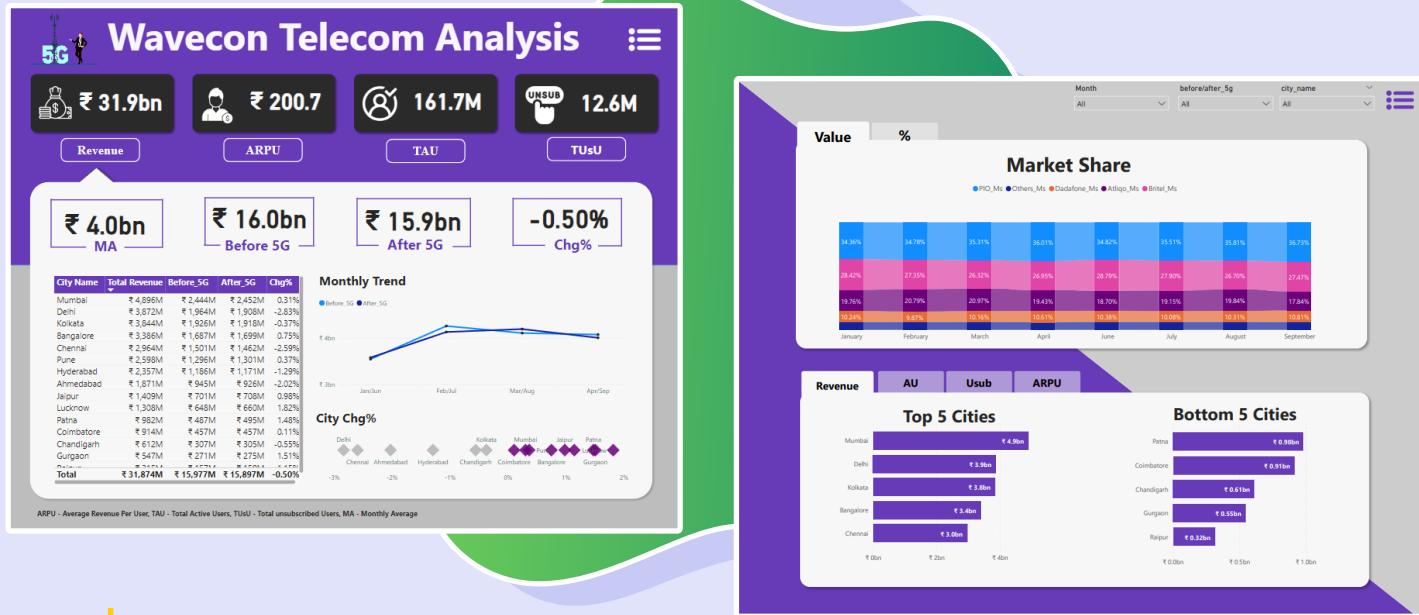
07 EXPENSE TRACKING SYSTEM — PYTHON



By completing this project, you will:

- Develop practical knowledge of expense management systems by building an application that tracks and analyses day-to-day expenses, such as rent, shopping, and food, providing users with a comprehensive view of their spending habits.
- Master key technical skills, including Python basics, database interactions with MySQL, backend development using FastAPI, and frontend design using the Streamlit framework, gaining end-to-end application development experience.
- Understand the value of analytics in financial decision-making by implementing features like category-wise and month-wise expense breakdowns, making this project relevant for aspiring software engineers, data scientists, and data analysts.

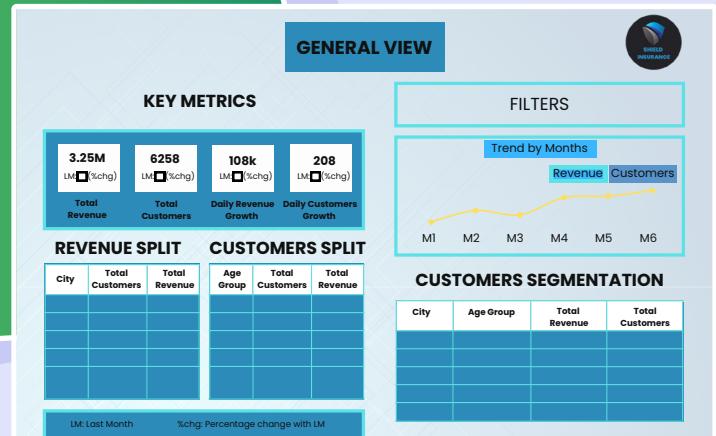
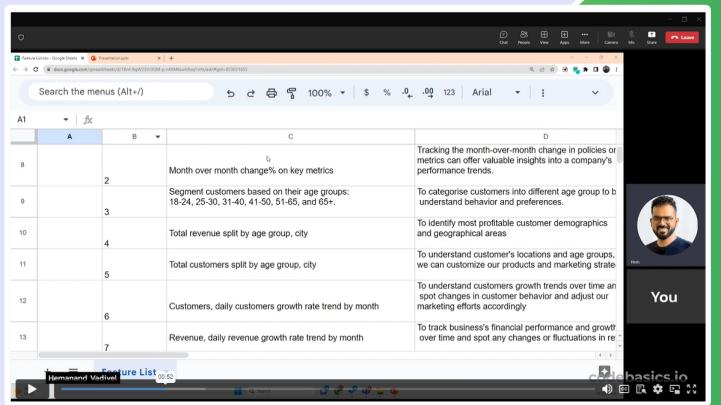
08 TELECOM PROJECT



By completing this project, you will:

- Acquire domain knowledge in the telecom industry and provide a comparison report of KPIs between pre and post-periods of the 5G launch for an imaginary company "Wavecon".
- Understand the significance of data analytics in telecommunications sector with a specific focus on crucial metrics such as ARPU (Average Revenue Per User), TAU (Total Active Users), and TUsU (Total Unsubscribed Users).
- Improve your presentation skills through a mandatory presentation, in which you need to communicate insights to stakeholders and post it on LinkedIn.

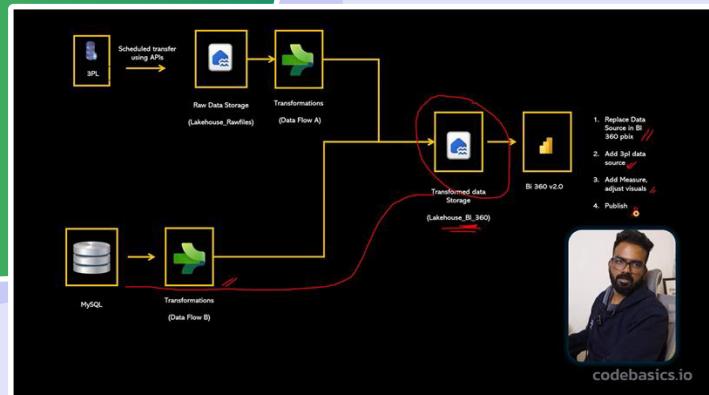
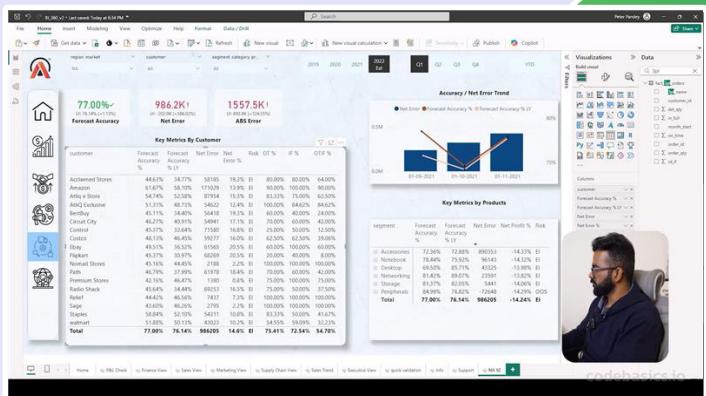
09 INSURANCE PROJECT



By completing this project, you will:

- Gain valuable domain knowledge specific to the insurance industry, including insights into challenges, trends, and dynamics.
 - Acquire technical skills tailored to the insurance industry, such as PowerBI dashboarding, data analysis and visualization, DAX, data modelling, and presentation skills.
 - Develop a deep understanding of the growing importance of data analytics in insurance.
 - Meet the increasing demand for risk analysis and management skills.
 - Enhance your ability to understand and personalize customer needs in the insurance industry.
 - Contribute to the success and innovation of insurance companies in today's data-driven business landscape.

10 FABRIC PILOT PROJECT

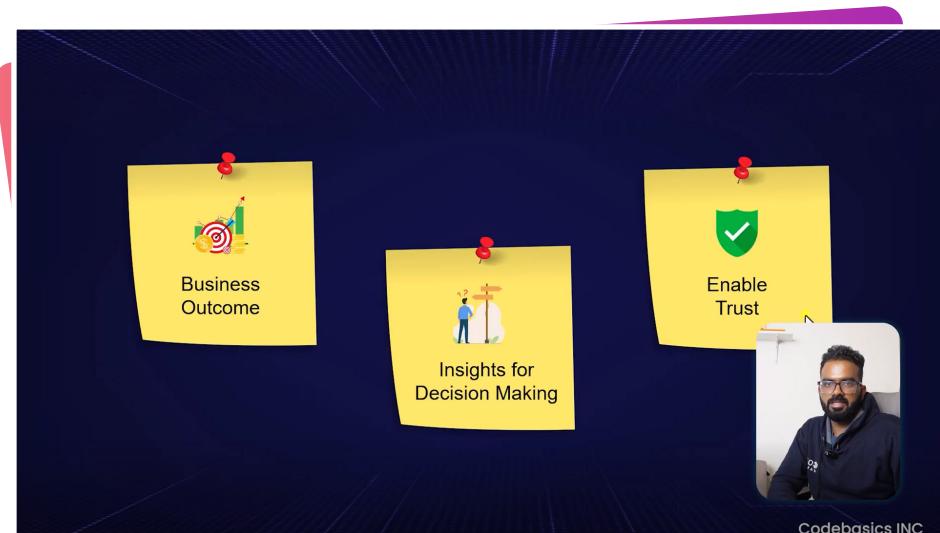


By completing this project, you will:

- Learn how to migrate your Power BI dashboard to the Microsoft Fabric ecosystem, perform ETL using Dataflow, store your data in Lakehouse or Warehouse (OneLake), and set up pipelines for orchestrating data refresh.
- Discover the various features of Microsoft Fabric and understand what's essential for you as a Data Analyst.
- Develop a deep understanding of the growing importance of data analytics in insurance.

PRESENTATION SKILLS + STAKEHOLDER MANAGEMENT

Mastering presentation skills is key to communicating insights effectively. This module focuses on how to structure and deliver clear, impactful presentations, whether you're addressing team members, clients, or leadership. Learn techniques to simplify complex data, engage your audience, and convey your message with confidence.



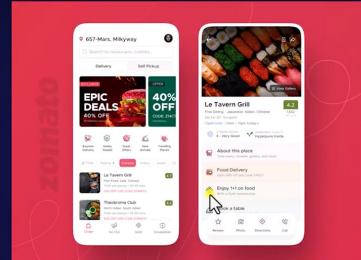
DOMAIN KNOWLEDGE

Domain knowledge is essential for interpreting data effectively and delivering insights that align with business objectives. This module focuses on understanding key performance indicators (KPIs) and provides practical resources to help you build expertise in various domains and functions, ensuring you are ready for real-world challenges.

Resources to Build Domain / Functional Knowledge



Codebasics INC



codebasics INC

DAILY DISCORD CHAT SUPPORT

Get unlimited doubt-clearing support through our active Discord community. This dedicated platform allows you to interact with fellow learners and mentors, ensuring your questions are answered promptly and fostering collaborative learning throughout your journey.

Kiran Gundagadagi 10/12/2024 18:24
Ma'am,
It is happening in solution file only, there.
Data is present in the data view.
There is only one page in the report view.
There is no filter as such.

Atleast I want mock up so that I can build visual according to that.
I want to refer the visual but I cannot see any visual in the solution file.

Ananya [Codebasics Team] 10/12/2024 18:44
@CB-DA-Community-Champion

Meena [Codebasics Team] 11/12/2024 10:48
Hi @Kiran Gundagadagi

It's task to import multiple .csv file together and load into power query.
There won't be any visual based on this task

Kiran Gundagadagi 11/12/2024 11:08
Ohhh My God...
I struggled to get it.
It's okay
I try possible visuals considering all are my restaurants

Thank you so much team @Codebasics helping me throughout the journey

Peter Pandey 11/12/2024 Today at 10:00
Good Morning @everyone

A common question that arises in the course of visualizing data is: what is the best type of chart to use?
First, think about what it is you want to show. Is it a relationship between two variables, a distribution, a comparison?
Check the chart chooser by A. Abela for this:

Sunit D 11/12/2024 10:04
Appreciable peter!!!
Which would help to take correct decisions on dashboard

Nandana Venugopal 11/12/2024 10:14
Great resource!

LEARNING COMMUNITY INDIAN DATA CLUB (IDC)

Join our vibrant new community, the Indian Data Club (IDC), designed to enhance your learning experience. Participate in regular meetups, engage in weekly quizzes, and attend live sessions to stay connected, learn collaboratively, and grow with like-minded individuals.

Y Amisha (Presenting)
Thank You!

Participants:
Neha Panjabi, Y Amisha, Sunit D, Rakesh Kumar, Yogesh Jain, Umair Syed, Anushka P, Himanshu, Suman Ghoshal, Singhram Harish K., Aditya, Aditya Tappu, Anushka P.

Indian Data Club
464 followers
3d • Edited

Hi IDCians,
Get ready for an insightful session with **Y Amisha**, a Consultant - Data Analytics at Schneider Electric

Y Amisha will be sharing her journey, how she started preparing, switched jobs, utilized LinkedIn, built her online presence, and more.

There will also be a Q&A session at the end.

Date: Sunday, December 22, 2024
Time: 7:00 PM (IST)
Duration: 45 minutes
Platform: Google Meet
Language: English
Hosting by: Neha Panjabi

Google Meet : <https://lnkd.in/dUejW2Y6>

Indian Data Club Server Link: <https://lnkd.in/de598zZJ>

PROJECT PORTFOLIO WEBSITE

Having a **PROJECT PORTFOLIO WEBSITE** is a fantastic way to stand out from the crowd and to show the proof of your work. This is the right way to convince the hiring managers to call you for an interview especially if you are a fresher or someone from a non-technical background. We advised our learners to create a portfolio website but noticed that they found it challenging to create a compelling portfolio website from scratch due to the lack of proper tools in the market.

Hence, we ended up creating a feature to automate the **PORTFOLIO WEBSITE** within our bootcamp so our learners can focus on practice and interview preparation. To meet various preferences and needs, we now offer different themes for portfolio websites. Choose the style that best represents your professional image and effectively showcases your work.

This is how your landing page would look like

More templates available in our Bootcamp

Business Insight 360 Dashboard for Various Department of AtiQ Hardwares

PowerBI Project

Business Insight 360 Dashboard for Various Department of AtiQ Hardwares

AtiQ Hardware faces challenges with Excel for data analysis, causing losses in Latin America. Our aim: implement an advanced analytics solution for efficient data analysis and informed decision-making.

[View Project Engagement](#) [View Project on GitHub](#)

Business Insights 360

Info **Finance View** **Sales View** **Marketing View** **Supply Chain View** **Executive View** **Support**

Download user manual and get to know the key features of this tool. Get P&L statement for the company's products / revenue over any time period and More... Analyze the performance of your products over key metrics like Sales, Gross Margin, Profit Margin etc. Get Forecast and Trend for executives and use profit for product segment, the same in profitability / Growth metric. A top level dashboard for executives for consolidating top level dimensions of the business. Get your access restricted by connecting to our support specialist.

Report Refresh Date: 03 May 23 Values are in \$ Dollars & Millions Sales data loaded until Dec 21

Dashboard Home Page, all the views buttons will be available. Users will land on a specific view page by clicking the button

Project Details

AtiQ Hardware is a company which has grown vastly in recent years, and opened business all over the globe. It is a company which sells, computers and computer accessories through three mediums/channel

- Retailers
- Direct
- Distributors

Recently the company has faced a unforeseen loss by opening store in America based on the surveys, intuition and some excel analysis and also the company's competitors has handful of analytics team to perform analysis and make data driven decision. So, the AtiQ hardware has no other option other than building their analytics team for data driven insights and decisions in the future to survive better in the industry.

Project video

BI 360 Project Explanation Model Watch Later Share

EXCEL PROJECT

CUSTOMER PERFORMANCE REPORT

Customer Performance Report

Develop an analytics system to monitor sales performance, analyze data, and generate reports for effective customer discounts and business...

[See My Work](#)

BUSINESS INSIGHT 360

ATIQ HARDWARE

Business Insight 360 Dashboard for Various Department of AtiQ...

AtiQ Hardware faces challenges with Excel for data analysis, causing losses in Latin America. Our aim: implement an advanced analytics...

[See My Work](#)

POWER BI PROJECT

REVENUE INSIGHTS HOSPITALITY

Provide Insights to the Revenue Team in the Hospitality Domain

As part of the codebasics challenge, participants are given a problem statement along with a rich dataset from the hospitality domain. The goal is...

[See My Work](#)

SQL PROJECT

AD HOC INSIGHTS

Ad Hoc Insights

Created two reports for sales folks which involves customer performance and market performance vs target. Created two reports for sales folks...

[See My Work](#)

PYTHON PROJECT

HOTEL BOOKINGS INSIGHTS

Hotel Analytics

Created two reports for sales folks which involves customer performance and market performance vs target. Created two reports for sales folks...

[See My Work](#)

ATS RESUME BUILDER

Our ATS Resume Builder helps you create professional resumes effortlessly. Enter your details, and the tool formats them in a structured way. It ensures your resume looks clear and well-organized. Save time and focus on applying for jobs. Perfect for showcasing your skills effectively.

The screenshot shows the 'Choose Templates' section of the ATS Resume Builder. At the top, there are navigation links: Courses, Free Resources, Testimonials, Resume Projects, and Hire From Us. A progress bar indicates 46% completion. Below the navigation, there are two large preview boxes for resume templates:

- Professional View:** This template is designed for functional resumes. It includes sections for Personal Information, Domain/Functional Areas, Key Skills, Professional Experience, Projects, Certifications, Education, and Additional Section. A blue button labeled 'Use this template' is prominently displayed.
- Unique View:** This template is designed for chronological resumes. It includes sections for Personal Information, Executive Summary, Functional Areas, Technical Skills, Professional Experience, Projects, Certifications, Education, and Additional Section.

Both templates show placeholder data for a user named 'Tharun Thakur'.

The screenshot shows the 'Resume Build' and 'Resume Preview' pages for a user named 'Lauki Laal'.

Resume Build (Left):

- Personal Information:** Fields include Email (info@codebasics.io), Phone (9899999998), City (Vadodara), State (Gujarat), Portfolio (https://rebeccacodebasics.idportfolio/Codebasics-Team), LinkedIn (https://linkedin.com/in/prashant-khunt-15a59794/), and GitHub (https://github.com/harendraikhunta).
- Domain/Functional Areas:** Shows 'B.E. Computer Science (VIT Vellore, Chennai) | Jun 2024'.
- Key Skills:** Shows 'Python', 'Data Structures', 'Algorithms', 'Machine Learning', 'Natural Language Processing', and 'Computer Vision'.
- Professional Experience:** Shows 'Software Engineer (Full Time)' at 'Aero Technologies' from 'Dec 2022 - Present'. Details include 'Developed a Power BI dashboard to understand AERO hardware's last 4 years' sales trends', 'Customized a multi-functional Power BI dashboard to analyze AERO hardware's sales trends over the global market by gathering data from 2 different sources (Excel/CSV files and a SQL database)', and 'Created a dashboard projected to increase revenue by at least 10% in the next quarter.'
- Projects:** Shows 'Business NLP - Stock & Commodity' at 'Project Link' from 'Dec 2024 - Dec 2024'. Details include 'Developed a dashboard that enabled AERO hardware to analyze department sales trends, driving a projected 10% revenue acceleration and a 20% reduction in data-related expenses.'
- Certifications:** Shows 'PGL Report - Finance' at 'Project Link' from 'Dec 2024 - Dec 2024'. Details include 'Generated a comprehensive PGL report for AERO hardware FY 2022, utilizing advanced features in Excel such as Pivot Tables and DAX to provide granular insights into revenue streams and expense categories', 'Automated data cleaning using Power Query, which can reduce around 1 hour of repeated manual work', and 'Generated a detailed financial report for AERO hardware's clients, providing them with more nuanced, flexible data insights.'
- Education:** Shows 'B.E. Computer Science (VIT Vellore, Chennai) | Jun 2024'.
- Additional Section:** Shows 'Software Engineer (Full Time)' at 'Aero Technologies' from 'Dec 2022 - Present'.

Resume Preview (Right):

- Header:** Shows 'Lauki Laal', phone number '+91 9899999998', email 'info@codebasics.io', location 'Vadodara, Gujarat, India', LinkedIn link, and a GitHub icon.
- Domain/Functional Areas:** Shows 'IT', 'Security', and 'Supply Chain'.
- Technical Skills:** Shows 'Analytical Tools: Power BI, Excel, SQL, Python', 'Database: MySQL, Microsoft SQL Server', and 'Sample Cat: Formula, Text, New, Dates'.
- Professional Experience:** Shows 'Software Engineer (Full Time)' at 'Aero Technologies' from 'Dec 2022 - Present'.
- Projects:** Shows 'Business NLP - Stock & Commodity' at 'Project Link' from 'Dec 2024 - Dec 2024'.
- Certifications:** Shows 'PGL Report - Finance' at 'Project Link' from 'Dec 2024 - Dec 2024'.
- Education:** Shows 'B.E. Computer Science (VIT Vellore, Chennai) | Jun 2024'.
- Certifications / Awards:** Shows 'Software Engineering II (Full Time)' at 'Aero Technologies' from 'Dec 2022 - Present'.

PRACTICE ARENA

SQL CONSOLE

To enhance your learning experience, we've integrated a Practice Arena with an SQL console directly into our platform. This means you can start improving your SQL skills immediately—no software installation is required. Simply read the problem statement, familiarize yourself with the table structure along with the sample inputs and outputs, write your SQL query, and test it right on the website. This feature is designed to provide a seamless and straightforward practice environment, making it easier for you to learn SQL through continuous practice.

The screenshot shows the Practice Arena SQL Console interface. At the top, there's a navigation bar with the 'CODE BASICS' logo, a 'Go to Home' link, and a 'DAILY LEARNING' button. Below the navigation is a problem card for 'Product Sales by Store in Bangalore'. The card includes tabs for 'Description', 'Solution', and 'Submissions'. The 'Solution' tab is active, showing the following SQL query:

```
1 SELECT S.StoreName, SUM(SL.Quantity) AS TotalProductsSold
2 FROM product_stores S
3 JOIN product_sales SL ON S.StoreID = SL.StoreID
4 WHERE S.city = 'Bangalore'
5 GROUP BY S.StoreName;
```

On the left side, there are two tables listed under 'Tables Structure with Types': 'product_stores' and 'product_sales'. The 'product_stores' table has columns: StoreID (INT), StoreName (VARCHAR), and city (VARCHAR). The 'product_sales' table has columns: SaleID (INT), ProductID (INT), and StoreID (INT). On the right side, there's a code editor area with 'Run Code' and 'Submit' buttons, and an 'Output' area below it.

DAX SCENARIOS

Just like the real world! Enhance your DAX skills with scenarios, get a PBIX file, solve tasks, and check your answers to see if you nailed it.

Quality Checks

Quiz

Q1. What percentage of the total annual sales is contributed by total February sales?

Hint : Calculate February sales, divide by total annual sales, and multiply by 100 to find the percentage

Note: Please note that the input should be in two decimal numbers (eg.40.87)

Write your answer

Correct Answer: 22.92

Q2. What DAX function would you use to remove the filter context in the Total Sales calculation?

Note: Please note that the input should be a DAX function with the Column Name (eg.EXCEPT(Store_ID))

EXCEPT(Sales)
 ALL(SalesAmount)
 ALL(Sale)
 EXCEPT(Sales)

Finish

Scenario: Analyzing Total and Filtered Sales in a Retail Chain

Imagine you are a data analyst for a retail chain with multiple stores. Your manager wants to understand the total sales performance across all stores and months, as well as sales performance specifically for February.

You have been provided with a dataset named **Sales**, which contains the following columns:

- **StoreID**: identifies the store where sales occurred.
- **SalesAmount**: The revenue generated by the store.
- **Month**: The month when the sales were recorded.

Tasks:

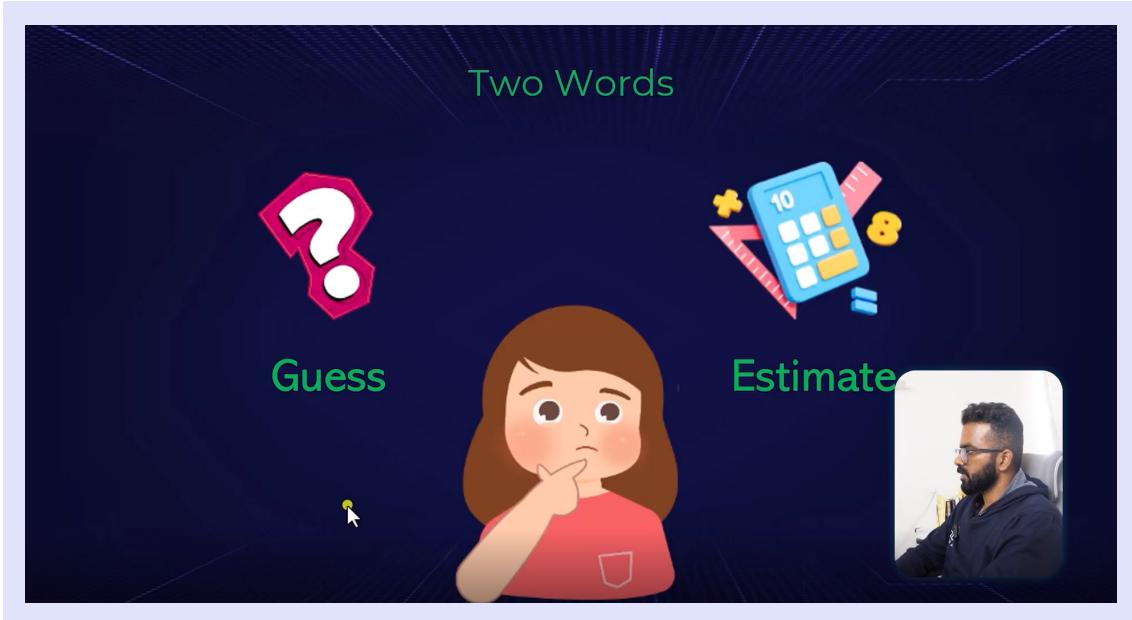
Using Power BI, you need to:

1. Create a measure that calculates the **total sales** across all stores and months, ignoring any filters in the visuals.
2. Create another measure that calculates the **total sales for February**, considering only the filtered data for the month of February.

StoreID	Month	SalesAmount	Total Sales	February Sales
4	April	1628	38395	8802
4	Feb	1743	38395	8802
4	Jan	1373	38395	8802
4	June	680	38395	8802
4	March	788	38395	8802
4	May	775	38395	8802
5	Jan	117	38395	8802
5	June	2052	38395	8802

GUESSTIMATES

What if I told you that you don't need to give an exact answer? Guesstimate questions in interviews are designed to test your thought process, not just to get the right answer. Learn how to approach these questions using two techniques—top-down and bottom-up—and practice with real examples.



UNGUIDED PROJECTS WITH SUPPLEMENTS

Extra projects for extra learning! Step into real-world scenarios with our unguided projects—no tutorials, just you and the data. Work on messy datasets, collaborate across databases, and build impactful dashboards in tools like Power BI, Tableau etc., Designed to push your problem-solving skills and foster independence, these projects go beyond the course to help you stand out.

Dashboard Migration: Power BI to Tableau

Problem Statement:

AtliQo, a leading telecom provider in India, launched its 5G plans in May 2022, stepping into the next generation of telecom technology. However, following the launch, the management noticed a decline in active users and a slowdown in revenue growth.

To address this concern, the business director has requested the analytics team to perform a comparative analysis of key performance indicators (KPIs) before and after the 5G launch. A comprehensive Power BI report has already been created for this purpose. Now, the management is interested in exploring Tableau's capabilities to see if it can offer enhanced visualizations and insights. They believe that replicating the report in Tableau could not only provide a fresh perspective on the data and improved storytelling, but also enhance the analytics team's proficiency in this powerful tool.

Peter Pandey, an aspiring data analyst eager to expand his Tableau skills, has been tasked with this project. By recreating the Power BI report in Tableau, Peter aims to deliver actionable insights to the management while honing his expertise in data visualization.

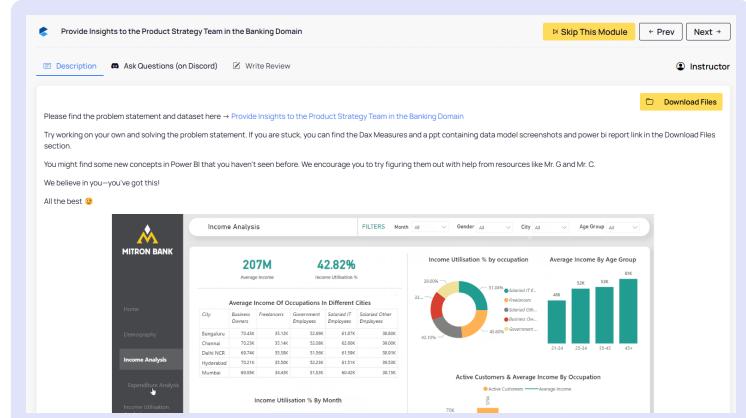
You have been provided with a dataset, which contains the following tables:

- dim_cities
- dim_date
- dim_plan
- fact_atliqo_metrics
- fact_plan_revenue
- fact_market_share

Refer to the metadata to get more information regarding the dataset.

Tasks:

1. **Replicate the Power BI Report in Tableau:** Analyze the provided Power BI report and recreate all visualizations, metrics, and interactivity in Tableau.
2. **Enhance Tableau Skills and Creativity:** Master Tableau's advanced functionalities and develop an executive-friendly dashboard tailored to top-level management.
3. **Add Value with Insights and Enhancements:** Beyond replication, identify additional insights or enhancements that align with business objectives.



VIRTUAL INTERNSHIPS

In our Virtual Internships, you'll gain hands-on experience in data analytics using Power BI, SQL, Excel, and Python. You'll explore Kanban and scrum project management and master data cleaning, and transformation. Understanding requirements and presenting complex analysis concisely are key focuses. With a problem-solving mindset, you'll be ready to tackle any data challenge and make a meaningful impact.

HR Report

Naveen,

Sending you these tasks following up on our call.

The HR dataset can be found in the file "attendance_data.csv". Your tasks are divided into two parts: data cleaning and data analysis.

Task 1: Data Cleaning

- Check for duplicates in the dataset and remove them.
- Standardize the date values to the format YYYY-MM-DD and extract the month name and day type from them.
- Remove any extra characters, such as special characters, from the employee ID values. Some IDs may contain a '@' character at the end, which can be cleaned and brought to a common format.
- Standardize the capitalization of names. Convert all names to title case, which means capitalizing the first letter of each word.
- Map the corresponding values in the status column with the given abbreviations:
 - Work From Office -> WFO
 - Work From Home -> WFH
 - Birthday Leave -> BL
 - Menstrual Leave -> ML
 - Paid Leave -> PL
 - Sick Leave -> SL
 - Weekly Off -> WO

Task 2: Ad Hoc aka Analysis

- What is the total count of distinct employee names within the dataset?
- Calculate the work-from-home (WFH %) percentage in the month of May.
- Determine which day of the week had the highest attendance percentage in the month of June.
- Find out the number of employees who had a WFH percentage greater than 10% in the month of April.

You are free to use any tool of your preference, such as Pandas, Excel, PowerBI, etc., to complete this task.

If you have any follow-up questions on the task, you can ask your seniors here: [\[discord link\]](#).

But they are busy, try to solve it on your own as much as possible.

Good luck with your task!

Best regards,



Hem
Head of Data Analytics | AtliQ Technologies Pvt. Ltd.
Website: www.atliq.com

Tech Instagram Influencer Analysis

Hi Naveen,

I'm sharing the details for the Tech Instagram Influencer's account analysis.

This is another amazing opportunity for you to showcase your skills.

The project involves analyzing three database tables containing Instagram activity data. Your goal is to explore this data, answer key questions, and create actionable insights.

Here's how to get started:

- Download the `gdb120.sql` file and load it into your MySQL Workbench.
- Open the `sql_questions.pdf` file to review the list of questions provided.
- Write SQL queries for each question, ensuring they meet the specified requirements.

Note: This time, they're expecting a live presentation from you to understand your findings better. Make sure to prepare for the presentation and include clear explanations of your approach and results.

If you have any questions about the task, feel free to reach out to your seniors in our discord server.

Best regards,



Hem
Head of Data Analytics | AtliQ Technologies Pvt. Ltd.
Website: www.atliq.com

Data Analyst Internship Offer

Dear Naveen,

We are pleased to inform you that you have been selected as a Data Analyst Intern at our organization. We welcome you to our team and are excited to have you onboard!

As a Data Analyst Intern, you will be working with our team of experienced professionals to analyze data, create reports, and provide insights that will help us make informed business decisions. Your work will be critical to the success of our organization, and we are confident that you will make a valuable contribution during your internship.

The internship will be conducted virtually, and we will provide you with all the necessary tools and resources to help you succeed in your role. Please do not hesitate to reach out to us if you have any questions or concerns. We are here to support you and ensure that your virtual internship is a success.

Once again, congratulations on being selected for the Data Analyst Intern position. We look forward to working with you and wish you all the best during your internship.

Best regards,



Abhilasha Kashyap
HR Specialist | AtliQ Technologies Pvt. Ltd.
Website: www.atliq.com

During weeks 3 and 4 of the internship, you will work on client projects in the insurance and telecom domains, analyzing data and presenting your insights to stakeholders.

Virtual Internship Primer (Optional)

During weeks 3 and 4 of the internship, you will work on client projects focused on YouTube and Instagram analysis as part of Social Media Analytics, where you will analyze data and present your insights to stakeholders.

SMART JOB ASSISTANCE PORTAL

Through this job portal, you can review and optimize your resume, project portfolio, and LinkedIn profile with the assistance of a dedicated talent management team. You can also find relevant job openings and receive comments from the talent management team, such as which keywords to use and which projects to discuss. Additionally, there is space to add and track applications. This portal will continuously help you upgrade to ensure we assist you in the best possible way.

The screenshot displays the homepage of the Smart Job Assistance Portal. At the top, the CodeBasics logo is visible along with navigation links for Courses, Free Resources, Testimonials, Resume Projects, and Hire From Us. A progress bar for a LinkedIn profile review is shown at 46%. The main header reads "Smart Job Assistance Portal Beta". Below it, a section titled "Building Blocks for Your Next Career Chapter" lists several services: Job Assistance Form, Resume Approved, Portfolio Website, LinkedIn Profile Review, Job Openings, Resume Builder, and Mock Interview. Further down, a "Job Application Tracker" section shows 1 total application, 0% interview call ratio, 0 job offers, and a link to Expert Webinars. An "Application Tracker" table lists one application for a Data Analyst at Amazon, with options to view the resume, see the date applied (17-12-2024), and change the status to "Applied".

Sr. No.	Job Title	Company	Resume Used	Date of Application	Status	Action
1.	Data Analyst	Amazon	View Resume	17-12-2024	Applied	

JOB APPLICATION PLAYBOOK

Spending just 20–30 minutes with this playbook can save you at least 30 days of effort in your journey.

Crack the game of applying for jobs with our Playbook! From comprehensive steps to actionable tips, learn strategies that truly work and boost your chances of landing an interview call.

The screenshot shows a web-based learning platform interface. At the top left is the 'CODE BASICS' logo. To its right are navigation links like 'Go to Home', 'DAILY LEARNING +', and '63% COMPLETED'. Below the header is a sidebar titled 'Contents' containing a list of six items: '1: Online Credibility [Mandatory]', '2: SQL Project(s) For Your Portfolio', '3: Job Applications & Resources', '4: The Ultimate Job Application Playbook [NEW]', '5: Job Hunt Hacks [New]', and '6: What's Next?'. The main content area displays a dark blue slide with the 'CODE BASICS' logo at the top and the title 'JOB APPLICATION PLAYBOOK' in large white capital letters in the center. At the bottom of the slide are navigation controls for 'Page 1 / 12', a magnifying glass icon for search, and a plus sign for zoom.

Resume Builder

Are you tired of struggling with resume alignment, fitting everything onto one page, and making it ATS-friendly?

The Codebasics Resume Builder solves these issues by offering a simple, efficient solution.

1 Pick a professional template

2 Enter your details with ease

3 Let the Resume Builder handle formatting and ATS compatibility.

INTERVIEW PLAYBOOK

Ace your interviews with our comprehensive playbook! Follow a step-by-step guide to prepare for interviews, present your best self, clarify questions with the interviewer, and confidently handle technical queries. Learn how to showcase your skills effectively and leave a lasting positive impression. Your ultimate guide to mastering interviews with confidence.

The screenshot shows the 'Interview Playbook' page within the CodeBasics learning platform. The top navigation bar includes the 'CODE BASICS' logo, a 'Go to Home' link, and a 'DAILY LEARNING' button with a progress bar indicating '100% COMPLETED'. On the left, a sidebar titled 'Contents' lists six sections: '1: Get Prepared For Interview, Now!', '2: The Ultimate Interview Playbook' (selected), '3: Data Analyst Mock Interviews', '4: Interview Questions', '5: Our Relationship After You Land a Job', and '6: What's Next?'. The main content area features a purple background with the 'CODE BASICS' logo and the large, bold text 'INTERVIEW PLAYBOOK'. At the bottom of the page, there is a navigation bar with links for 'Page 1 / 50', 'codebasics.io', a search icon, and a plus sign for adding new content.



MOCK INTERVIEW

Get two personalized 1-on-1 mock interview sessions upon confirming your actual interview schedule. Receive tailored feedback to refine your responses and boost your confidence. Practice common and role-specific questions with industry experts to prepare effectively for real interviews. Build confidence and ace your next interview with ease.

Upgrade Alert: The Bootcamp 3.0 is undergoing a major upgrade. Check what's new in Bootcamp 4.0. [Know More!](#)

Mock Interview Eligibility Form

Apply only if you have an official interview invitation from a company. You are allowed only 2 chances.

Full Name*	Email*
Codebasics Team	info@codebasics.io
Phone Number*	Job Role* ⓘ
+91 Phone Number	Job role
Company* ⓘ	Date of Interview* ⓘ
Enter Company Name	dd-mm-yyyy
Interview Proof*	
<input type="button" value="Choose File"/> No file chosen <small>(Provide a screenshot of the email confirming your scheduled job interview.)</small>	
<input type="checkbox"/> I accept terms and conditions of Codebasics	
<input type="button" value="Submit"/>	

Job Application Tracker
Track all your job applications

Total Applications: 1

Interview Call Ratio: 0%

Job Offers: 0

Expert Webinars:

TESTIMONIALS

 **Krishna Prasad**
Data Analyst 

Hi Dhaval Sir, My writing skills are not good so i am unable to express much in words about this course. You have put lot of effort to design this course, and it is really worth it. Course is really good it has contained almost everything to become data analyst. Please continue to guide us in future. Thanks Krishna Prasad

 Dec 16, 2024

★★★★★

 **Noufi Nazar**


Thank You team Codebasics and Dhaval Patel Sir for taking this much efforts for making beautiful course videos, which is so easy to understand. And also I want to express my appreciation for your teaching style. Your way of explanation about complex topics is very understandable for students and grasp easily.

 Nov 16, 2024

★★★★★

 **Aravind Kumar Yedula**
Data Engineer 

As a recent postgraduate, I always worry about whether AI will replace my chosen career in data analysis. My initial goal was to build a career in data analytics, but I've frequently wondered if I'm genuinely suited for it. I got answers from this boot camp by watching demo videos. So I joined this boot camp and watched demo videos first to learn how to build a career in data analytics. From the beginning, the video content was engaging, clear, and easy to understand. I am excited and I am interested in practicing more with datasets. Thanks to the team for their support, and for helping us to build a stronger foundation career and confidence in my path.

 Nov 11, 2024

★★★★★

 **Keerthi Arigela** 

I am a homemaker looking to restart my career after a long gap. When I began the Data Analysis Bootcamp course by Codebasics, I had minimal knowledge of Excel. However, the step-by-step learning approach and the practical exercises provided in the course helped me build my confidence. Dhaval Sir's teaching is exceptional—he explains concepts so clearly that anyone can understand them with ease. I am truly excited to continue learning more advanced topics in this course.

 Dec 22, 2024

★★★★★

 **Sweety Sinha**
Data Analyst 

I recently joined the Data Analytics course by Codebasics, taught by Dhaval Patel, and it has been an excellent experience. The course is structured to simplify complex topics with clear explanations and real-world examples. Hands-on projects and assignments have greatly improved my confidence in tools like Excel, Power BI, and Python. The community support and doubt-clearing sessions are highly effective, ensuring no learner feels stuck. I highly recommend this course to anyone looking to build practical data analytics skills.

 Dec 26, 2024

★★★★★

 **Shwan Jaff** 

I'm Shwan from Iraq. I recently completed the Data Analyst Bootcamp 3.0, which was an outstanding experience. The teaching strategy is obvious and effective, making complex topics easy to understand. Additionally, their support staff is highly responsive and helpful. I am impressed by the quality of the course and look forward to enrolling in more courses they offer. Highly recommended!

 Dec 09, 2024

★★★★★

 **Keerthana Varadharajan** 

A very well curated course and a clear roadmap for every aspiring data analyst. Dhaval sir explanation for every topic makes it easy to understand the concepts indepth. The quizzes and small assignments under each chapter provides a hands-on experience with the learning alongside.

 Dec 13, 2024

★★★★★

SUCCESS STORIES

**SAHIL CHIPKAR**

Computer Engineer — to — Data Analyst

**PRIYANKA CHOUDHARY**Bachelor's in Information
and Technology — to — Data Engineer**ANIRUDH RANA**Bachelor's in Electronics
and Communication — to — Data Analyst**ROOPAL MIGLANI**

Data Account Executive — to — Data Analyst

**ARYAN SHARMA**

Bsc Mathematics — to — Data Analyst

**SHAZIN ASHRAF**

Industrial Engineer — to — Data Analyst

**ASHISH BABARIA**

Agro Trade Specialist — to — Data Analyst

**HAREESH VUPPALAPATI**

Mechanical Engineer — to — Data Analyst

**UJJAWAL DARP**

Civil Engineer — to — Data Analyst

**JAY CHAROLE**Information Technology Engineer
— to — Data Analyst**JEET SHAH**

Mechanical Engineer — to — Data Analyst

**SIDDARAMESHWAR U H**

Operations Executive — to — Sr. Data Analyst

**DILIP KUMAR**

Bachelor's in Accounting — to — Data Analyst

**SHUBHAM AROTE**

Mechanical Engineer — to — Data Analyst

FROM FOUNDER'S DESK

Hello, I'm Dhaval Patel, and I want to share how and why I started the Codebasics YouTube channel. It all began during one of the darkest periods of my life. In **2011**, while working for Bloomberg, I was diagnosed with **Ulcerative colitis**, a painful autoimmune disease. Despite trying numerous treatments, my health continued to decline. By **2015**, I felt hopeless and **constantly in pain**.



During this time, I stumbled upon a life-changing quote:

"Life is 10% what happens to you and 90% how you react."

Determined to shift my focus and find joy, I sought an activity that I enjoyed and that allowed me to help others. **Given my teaching abilities and inclination to share knowledge, I started the Codebasics YouTube channel.** Teaching became an outlet for me, enabling me to make a positive impact and share my expertise.

With each "Thank you" comment I received on my videos, my sense of purpose and will to live grew stronger. Over time, the Codebasics community flourished, and we now have over **1.33 Million+ subscribers** on YouTube and more than **44K+ paid learners**. I've left my full-time job in the year 2022 to dedicate myself to Codebasics fully. My goal is to continue sharing my knowledge and creating a **positive impact** through this platform.

Use my story as to remind yourself that life is not always going to be easy but you can rise above that and make the world a better place to live for yourself and others.



149K+



50K+

DATA SCIENCE
FOR ALL YOUR DATA RECIPES



1.33M+



580K+



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