

## Codebasics Data Analytics Bootcamp 5.0

Source (brochure): DA\_Bootcamp\_5\_0\_2.pdf.

### 1) Brochure / Banner text (visual / image text extracted)

1. “DA Bootcamp\_5.0” “THE BOOTCAMP YOU DESERVE.”
2. Flow of Bootcamp : Visual learning-path / module flow (extracted text from the brochure image):  
Succeed → Get Job Ready → Start → Resume Prep → Job Application → Virtual Internship → Interview Prep and modules listed around that flow including SQL, Python, Tableau, Practice Arena, AI Automation, Virtual Internship 2, Data Engineering Basics, Microsoft Fabric, Optional Online Credibility, Power BI, Excel.

### 2) Codebasics — story, mission, timeline & founder desk

1. Origin (2016): Dhaval Patel started the Codebasics YouTube channel in 2016 while dealing with health challenges; teaching brought purpose and healing.
2. Collaboration & team: In 2020 a subscriber, Hemanand Vadivel, joined to contribute; by 2021 Hemanand began creating videos. Dhaval proposed collaborating to create an affordable, high-quality Power BI course.
3. Power BI course launch: The Power BI course was released in June 2022 after six months of collaboration.
4. Mission / vision: Provide authentic, job-relevant learning at honest pricing; support learners from all backgrounds (including mothers returning to work) and avoid “gimmicks.”
5. Founder’s desk (personal note): Dhaval shares his journey (diagnosed with ulcerative colitis, teaching as a lifeline) and a motivating quote: “Life is 10% what happens to you and 90% how you react.” (Founder’s note and values).
6. Brochure timestamp / metrics shown: The brochure shows metrics and dates such as June 2022 (Power BI course) and July — 2025, plus metrics like 1.33M+ YouTube subscribers and references to paid learners (44K+ paid learners noted in founder text).

### 3) Teachers / Mentors (bios extracted)

1. Dhaval Patel
  - Title/role: Data Entrepreneur (13+ years), YouTuber; ex-Bloomberg, NVIDIA.
  - Experience summary: ~18 years in programming & data science; taught via Codebasics; left full-time job in 2022 to focus on Codebasics.
2. Hemanand Vadivel
  - Background: Mechanical Engineer → Data & Analytics Manager in UK & Germany; 8+ years in Europe; Microsoft Certified, Certified Supply Chain Professional. Delivered 30+ analytics projects across 15+ countries.

#### **4) What the brochure calls the “Bootcamp” (meaning & learning path)**

1. What “Bootcamp” means (implied by brochure): A complete, job-focused program combining training (tools & projects) + practical experience (virtual internships & projects) + job assistance (resume, interview prep, placement support). The visual flow shows the bootcamp as an end-to-end career preparation pipeline (Start → Resume → Applications → Virtual Internship → Interview Prep).
2. Bootcamp promise: Hands-on real company datasets (not toy datasets), domain projects (FMCG, Hospitality, Finance, Sales, Supply Chain), cinematic content, and interactive business meetings.

#### **5) “Why this is the most effective bootcamp on this planet”**

1. They respect learners’ time and money and recommend a short Data Analyst Survey before enrolment.
2. Projects are domain-focused (FMCG, Hospitality; Finance, Sales, Supply Chain and more).
3. Comprehensive practical job assistance: resume & interview prep, virtual internships, interview playbook, mock interviews, building online credibility.
4. You’ll work on complex, real company datasets (millions of records), not toy datasets — realistic scenarios.
5. Highly engaging content (cinematic feel), real-world business practice problems, interactive business meetings.
6. Unlimited chat support through Discord.
7. Money back / refund feature: 100% refund within 30 days and a “pay the difference” feature.

#### **6) “What’s New” in Data Analyst Bootcamp 5.0 (explicit list)**

1. Data Engineering Basics for Data Analysts module (new).
2. LinkedIn Optimizer with AI — reviews profile and suggests recruiter-focused corrections.
3. Upgraded Resume Builder with ATS recommendations to pass Applicant Tracking Systems.
4. Enhanced job placement features via a dedicated talent management team.
5. 6 AI Automation Workflows for Analysts — real business projects preparing learners for AI-driven era.

#### **7) Course-by-course extraction — detailed (each course: name, rating, learners, description + syllabus items)**

Note: I included all syllabus lines printed in brochure for each tool. Citations after each course block indicate source pages.

## 7.1 Excel — “*Mother of Business Intelligence*”

- Rating: 4.9 · Learners: 9,400+ .
- Description: Beginners → Advanced. Simulated real-world tasks, practical exercises, Excel-centered data-analyst workflows.
- Syllabus / topics listed (extract):
  1. Excel introduction
  2. Formulas
  3. Tables
  4. Charts
  5. Essential features
  6. Cleaning bad data
  7. Basic Maths & Statistics (Mean, Median, Mode, Variance, Std Dev, Correlation)
  8. Common Business Metrics (P&L)
  9. Combining data with VLOOKUP, INDEX MATCH, XLOOKUP
  10. Merging data, adding new columns
  11. Loading Power Query data to Excel
  12. Report creation, pivot table options & formatting
  13. Power Pivot & DAX, data modelling
  14. Basics of VBA
  15. Sales functional knowledge, Sales analytics
  16. ETL (Extract, Transform & Load Data)
  17. Conditional formatting
  18. User-empathetic report design.

## 7.2 Power BI 3.0 with Fabric — “*Get Job Ready*”

- Rating: 4.9 · Learners: 6,900+ .
- Description: Practical end-to-end Power BI project, organizational experience, now includes Microsoft Fabric integration. Tasks follow monthly Power BI updates.
- Syllabus / topics listed (extract):
  1. Tasks based on Power BI monthly updates
  2. Report optimization using DAX Studio

3. Build Finance View; Build Sales, Marketing & Supply Chain View
4. 15 Design Rules for an Effective Dashboard
5. Power BI Service overview, report sharing, apps
6. Set up Automatic Data Refresh
7. Project Portfolio for your resume; User Acceptance Test (UAT) Report
8. Build key measures, calculated columns
9. What is Power BI 3.0 — Toggle Button, Tooltip
10. Data modelling: Star and Snowflake schema
11. Resume writing tips, job application tips, interview tips
12. Simplified: Profit and Loss Statement
13. Basics of Power Query; Data Warehouse, OLTP vs OLAP, Data Catalog
14. Data exploration; Fact vs Dimension tables
15. Transform data in Power Query Editor; Power Query best practices
16. Basics to Advanced DAX; M language; Create calculated columns in Power Query Editor
17. Review finance view mockups; Data visualisation (basic → advanced charts)
18. Filters, slicers, bookmarks.

### **7.3 Microsoft Fabric — Mini Course**

- Description: Mini module to learn Microsoft Fabric built on Power BI skills; includes a real-time Pilot Project demo.
- Topics listed (extract):
  1. Overview of Microsoft Fabric: key offerings & capabilities
  2. OLTP and SQL databases
  3. OLAP: Lakehouse, Warehouse, Eventhouse
  4. Essential knowledge for data analysts in Microsoft Fabric
  5. Data transformation using Dataflow Gen2
  6. Data orchestration: setting up refresh pipelines
  7. Migrating Power BI reports to Microsoft Fabric
  8. Data storage options (OneLake, Lakehouse, Warehouse).

### **7.4 SQL — “Beginner to Advanced for Data Professionals”**

- Rating: 4.9 · Learners: 8,700+ .
- Description: For data analysts / data scientists / data engineers; real-world examples, advanced queries & database design.
- Syllabus / topics listed (extract):
  1. Install MySQL (Windows, Linux, Mac)
  2. Retrieve data using text query (SELECT, WHERE, DISTINCT, LIKE)
  3. Joins (INNER, LEFT, RIGHT, FULL, CROSS)
  4. Join more than two tables; subqueries; correlated subquery
  5. ANY, ALL operators; HAVING clause
  6. Retrieve numeric queries (BETWEEN, IN, ORDER BY, LIMIT, OFFSET)
  7. Summary analytics (MIN, MAX, AVG, GROUP BY)
  8. Calculated columns (IF, CASE, YEAR, CURYEAR)
  9. Common Table Expressions (CTE), benefits & applications
  10. ERD, Database normalization & data integrity; primary & foreign keys
  11. INSERT, UPDATE, DELETE statements; ETL, data warehouse; OLAP vs OLTP; data catalog; fact vs dimension tables; star vs snowflake schema
  12. User-defined functions, stored procedures, views, triggers, events
  13. User accounts & privileges, database indexes
  14. Window functions (OVER clause, ROW\_NUMBER, RANK, DENSE\_RANK).

## 7.5 Python — *For Beginner and Intermediate Learners*

- Rating: 4.9 · Learners: 7,200+ .
- Description: Project-based — two real projects (hospitality data analysis; expense tracking app). For absolute beginners and those with some Python background. Taught by industry expert (NVIDIA/Bloomberg experience).
- Syllabus / topics listed (extract):
  1. Installations (Windows, Linux, Mac)
  2. Basics: variables, numbers, strings, if conditions, functions, loops (for), lists, dictionaries, tuples
  3. Install PyCharm, file handling, classes & objects, inheritance, operator overloading, exception handling, main function
  4. NumPy: intro, benefits, basic ops, matrix ops, slicing, stacking

5. Pandas: intro, dataframe basics, concat & merge, data cleaning, handle NA, group by, data transformation, data exploration
6. Debugging with PyCharm; working with JSON; generators & iterators; decorators
7. API: calling APIs with requests; building APIs with FastAPI; automated testing with pytest; Pydantic for data validation
8. Database CRUD operations (MySQL); Streamlit intro (frontend); building analytics backend (FastAPI) & frontend (Streamlit)
9. Data visualization (Matplotlib & Seaborn); read/write Excel & CSV files; set/frozenset; list/dict/set comprehensions; modules & pip.

## 7.6 Tableau — Mini Course

- Description: Mini course to boost chances of getting a job; designed for learners who already know Power BI. Uses transfer-learning to teach fundamentals of Tableau to expand visualization skills. (No detailed syllabus lines printed beyond the description in brochure).

## 7.7 AI for Data Analyst — AI Module (upgraded)

- Description: Upgraded AI module tailored to new use-cases for analysts. Learn to leverage AI tools to stand out — apply the latest AI technologies and methods to improve analysis and decision-making. (Brochure gives module description but not a detailed itemized syllabus).

## 8) Business projects (project name, tool, objective & learning outcomes) — all projects listed

Brochure lists projects with objectives and outcomes. Extracted below.

1. ATLIQ Sales Report — (*Excel*)
  - Create reports showing customer performance and compare market performance with sales targets.
  - Skills: Power Query, Power Pivot, DAX; trend identification, KPI tracking for resource allocation.
2. ATLIQ Finance Report — (*Excel*)
  - Domain knowledge: P&L reports, financial performance evaluation, stakeholder communication.
  - Skills: P&L understanding, supplementary data integration, optimized report generation.
3. Business Insights 360 — (*Power BI*)
  - Complex e-commerce project: role-play ("Peter Pandey"), project env. setup (MURAL), build dashboards across finance, sales, marketing, supply chain.

- Skills: Project environment setup, stakeholder management, Power BI dashboards, project communication.
4. Finance and Top N Insights — *(SQL)*
    - Finance analytics for consumer goods. Topics: efficient SQL querying, UDFs, stored procedures, views, automated reporting.
  5. Supply Chain Analytics and Model Optimisation — *(SQL)*
    - Focus: forecasting errors, absolute error calculation; helper tables, triggers, optimizing query execution — practical supply chain tasks.
  6. Hospitality Domain Data Analysis — *(Python / Pandas)*
    - Domain knowledge in hotel industry: operations, customer behaviour, revenue management, market trends. Skills: Pandas for cleaning, EDA, stats, visualization.
  7. Expense Tracking System — *(Python)*
    - Build an expense tracking app: track rent, shopping, food — category-wise/month-wise breakdowns. End-to-end: MySQL DB, FastAPI backend, Streamlit frontend.
  8. Telecom Project — *(Unspecified tool — presentation required)*
    - Compare KPIs pre/post 5G launch for imaginary company “Wavecon”. Focus on ARPU, TAU, TUsU. Mandatory presentation to LinkedIn.
  9. Insurance Project — *(Power BI & related tools)*
    - Insurance analytics: dashboards with revenue/customer segmentation, key KPIs; domain-specific analysis for risk & personalization.
  10. Fabric Pilot Project — *(Microsoft Fabric)*
    - Migrate Power BI dashboards to Microsoft Fabric, ETL using Dataflow, store data in Lakehouse/Warehouse, set up refresh pipelines.

(Each project block describes "By completing this project, you will..." — I included the brochure's stated learning outcomes above.)

## 9) Virtual Internships & Unguided Projects

1. Virtual Internships (structured): Hands-on experience using Power BI, SQL, Excel, Python; exposure to Kanban & Scrum project management, data cleaning & transformation, requirement understanding, stakeholder presentations. Weeks 3–4: client projects in insurance and telecom; alternative weeks 3–4 for social media analytics (YouTube & Instagram). Virtual Internship Primer is optional.
2. Unguided Projects: Extra unguided projects (no tutorials) on messy datasets — build dashboards in Power BI, Tableau — to foster independence and problem solving.

## **10) Job-assistance & career tools (detailed)**

1. Smart Job Assistance Portal: A portal to review/optimize resume, portfolio, LinkedIn; find job openings; comments from talent management team (which keywords to use, which projects to highlight); application tracking space.
2. Project Portfolio Website (automated feature): Bootcamp includes an automated portfolio website generator with multiple templates / themes so learners can showcase projects (landing page preview included in brochure).
3. ATS Resume Builder: Tool formats your resume to be ATS-friendly (enter details; tool structures them).
4. LinkedIn Optimizer (AI) — new feature to suggest recruiter-visible corrections.
5. Resume Builder (upgraded) with ATS recommendations.
6. Job Application Playbook: Step-by-step playbook to speed up job applications (stated saving ~30 days).
7. Interview Playbook: Step-by-step guide to prepare and handle interviews confidently.
8. Mock interviews: Two personalized 1-on-1 mock interview sessions upon confirming actual interview schedule (tailored feedback, role-specific Qs).

## **11) Practice & skill-sharpening features**

1. Practice Arena (SQL console): Integrated SQL console on platform: read problem + sample input/output + write & test queries on website (no local install needed).
2. DAX Scenarios: PBIX files and tasks to practice DAX on real-world scenarios and self-check answers.
3. Guesstimates: Practice top-down and bottom-up approaches for interview guesstimate questions.
4. Unguided projects with supplements: Extra independent projects to push problem-solving skills.

## **12) Presentation skills, domain knowledge & community**

1. Presentation Skills & Stakeholder Management module: structure and deliver clear, impactful presentations to teams, clients, leadership.
2. Domain Knowledge module: KPI understanding, domain function resources, practical materials to interpret data in business context.
3. Daily Discord chat support: Unlimited doubt-clearing through Discord community.
4. Indian Data Club (IDC): Community for meetups, weekly quizzes and live sessions to connect & learn.

## **13) Policies, guarantees & support**



1. Refund: 100% refund within 30 days.
2. Support: Unlimited chat support via Discord.

#### **14) Testimonials & success stories (names as displayed)**

- Success/Alumni names listed in brochure: Sahil Chipkar, Anirudh Rana, Roopal Miglani, Priyanka Choudhary, Shazin Ashraf, Aryan Sharma, Ashish Babaria, Hareesh Vuppalapati, Jay Charole, Siddarameshwar U H, Ujjawal Darp, Jeet Shah, Shubham Arote, Dilip Kumar (and more visible on brochure). (Brochure shows a multi-person success section).

#### **15) Visual & dashboard examples noted (excerpts)**

- Insurance project dashboard mockup fragments visible in brochure: revenue/customer trends, segmentation by city & age group, trend-by-months, revenue & customers split, daily revenue/customers growth metrics (sample dashboard visuals). These are shown as examples under the Insurance project and Fabric pilot project sections.

#### **16) Small but important extras (explicit mentions)**

1. “Pay the difference” feature (mentioned alongside refund) — implies upgrade/change flexibility.
2. Scan QR Codes in brochure to start the survey or learn more (brochure points users to QR codes).
3. Virtual Internship Primer (optional) — there is an optional primer before the main virtual internship.

#### **17) Short Executive summary (one-paragraph)**

Codebasics' Data Analytics Bootcamp 5.0 is a job-focused, end-to-end program that combines tool training (Excel, Power BI w/ Microsoft Fabric, SQL, Python, Tableau, AI) with domain projects (FMCG, hospitality, telecom, insurance), virtual internships, and comprehensive job assistance (ATS resume builder, LinkedIn Optimizer, interview playbooks, mock interviews, talent management & application portal). New features in 5.0 include Data Engineering Basics, LinkedIn AI Optimizer, an upgraded ATS-resume tool and 6 AI Automation workflows — all backed by unlimited Discord support and a 30-day refund policy.