

DATA ANALYTICS SHORT COURSE

Real Business Cases · Excel · Power Query · PostgreSQL

ব্যবসায়িক ডেটা বিশ্লেষণ শিখুন বাংলায়

 DATE
26 June 2026 TIME
8:00 PM – 11:00 PM DURATION
3 Hours PRICE
BDT 300/-

ABOUT THE COURSE

This intensive 3-hour power session is purpose-built for professionals and learners who want to master data analytics using tools they already own — Excel, Power Query, and PostgreSQL. Unlike theoretical lectures, every minute of this course is dedicated to solving real, business-grade problems drawn from sales, operations, and performance management domains.

Conducted entirely in Bangla, this course removes the language barrier and makes professional-grade analytics education accessible to everyone. By the end of the session, participants will have solved 7 complete business cases and gained immediately applicable skills.

TOOLS & TECHNOLOGIES



Excel Modern Functions



Power Query



PostgreSQL

BUSINESS CASES — COURSE CURRICULUM

Each case is drawn from a real-world analytics scenario. Participants will work through problems end-to-end — from raw data to final insight.

#	Business Case	Duration	Level
01	Top N Sales Branches	20 min	★★
02	Shortest Time Ordering Clients	25 min	★★★

#	Business Case	Duration	Level
03	Earliest & Latest Order + Day Differences	25 min	★ ★ ★
04	Year over Year Sales Growth	25 min	★ ★ ★ ★
05	Month Wise Sales Performance	20 min	★ ★
06	Min and Max Sales of Branches	20 min	★ ★
07	Performance Analysis of Sales Persons	25 min	★ ★ ★ ★

SESSION SCHEDULE & TIMELINE

Time Slot	Session / Activity
8:00 – 8:15 PM	Welcome & Course Orientation
8:15 – 8:35 PM	Case 01 – Top N Sales Branches
8:35 – 9:00 PM	Case 02 – Shortest Time Ordering Clients
9:00 – 9:25 PM	Case 03 – Earliest & Latest Orders + Day Diff
9:25 – 9:50 PM	Case 04 – Year over Year Sales Growth
9:50 – 10:00 PM	II Short Break
10:00 – 10:20 PM	Case 05 – Month Wise Sales Performance
10:20 – 10:40 PM	Case 06 – Min & Max Sales of Branches
10:40 – 11:05 PM	Case 07 – Performance Analysis of Sales Persons
11:05 – 11:00 PM	Q&A, Wrap-Up & Certificate Info

LEARNING OUTCOMES

By the end of this course, participants will be able to:

✓	Apply Excel Modern Functions (FILTER, SORT, XLOOKUP, MINIFS/MAXIFS) to real business data
✓	Use Power Query to clean, shape, and transform raw datasets efficiently
✓	Write PostgreSQL queries including window functions, aggregations, and date operations
✓	Solve 7 real-world business analytics cases independently after the course

- ✓ Build dynamic dashboards and summary reports from scratch
- ✓ Perform time-series analysis including Year-over-Year and Month-over-Month comparisons
- ✓ Rank, segment, and evaluate sales performance across branches and individuals

WHO SHOULD ATTEND



Business Analysts

Professionals looking to accelerate reporting workflows



Sales & Finance Teams

Teams who manage performance data in Excel daily



Students & Fresh Graduates

Data enthusiasts entering the analytics field



Database Users

Anyone wanting to add SQL to their analytics toolkit

PREREQUISITES & REQUIREMENTS

Basic Excel Knowledge	Familiarity with formulas and spreadsheet navigation
Laptop with Excel 2019+/365	Power Query is built-in to Excel 2016 and above
PostgreSQL Installed	Free download from postgresql.org + pgAdmin 4 recommended
Willingness to Practice	Sample datasets will be provided before the class

WHAT YOU WILL RECEIVE

- Sample Dataset Files (Excel + CSV)
- SQL Script Files for All Cases
- Completed Excel Workbook (Solutions)
- Course Notes & Formula Reference Sheet
- Digital Certificate of Completion
- Post-Course Support via Course Group

ABOUT THE INSTRUCTOR

Your Instructor

Trainer: Md. Shah Alam
Microsoft Certified Trainer

10.5+ Years Industry Experience

5.5+ Years Training Experience

Trained over 6,500 professionals & students, and 110 Corporate Session

ENROLL NOW

Registration Fee: BDT 300/- · Limited Seats Available
Friday, 26 June 2026 · 8:00 PM – 11:00 PM · Language: Bangla