

15-Day Data Analyst Interview Preparation Schedule

Tailored plan — 1 hour 40 mins/day · Morning + Evening · Generated: 2025-11-24 15:20:32

Daily Time Split (1 hr 40 mins)

Morning – 40 minutes:

- 20 mins – Theory (topic of the day)
- 20 mins – Practice (2–3 focused questions)

Evening – 60 minutes:

- 40 mins – Hands-on practice / project work
- 20 mins – Interview Q&A / revision

15-Day Plan (Day-by-Day)

Days 1–3: SQL – Strong foundation

Day 1: SELECT, WHERE, ORDER BY. Practice 5 queries. Q&A: 10 basic SQL questions.

Day 2: GROUP BY, HAVING, Joins (INNER/LEFT/RIGHT). Practice 5 queries.

Day 3: FULL JOIN, UNION, Subqueries, Window functions (ROW_NUMBER, RANK). Practice medium queries.

Days 4–6: Python & Pandas

Day 4: Python basics – variables, loops, functions. Practice 3 coding questions.

Day 5: Pandas basics – read_csv, dropna, fillna, head(), describe(). Simple cleaning tasks.

Day 6: Pandas advanced – groupby, merge/join, apply(). Practice 3 tasks.

Days 7–8: Excel / Power BI

Day 7: Excel – VLOOKUP/XLOOKUP, Pivot tables. Practice 2 problems.

Day 8: Power BI – load data, create 3 charts, build a small dashboard. Q&A: 10 Power BI questions.

Days 9–10: Statistics

Day 9: Descriptive stats – mean, median, mode, variance, standard deviation, correlation.

Day 10: Probability basics, hypothesis testing, normal distribution. Q&A: 10 statistics questions.

Days 11–13: Project Work

Day 11: Choose dataset (Sales/HR/Ecommerce). Data cleaning and missing value handling.

Day 12: EDA – summary statistics, outliers, key insights, visual exploration.

Day 13: Build Power BI dashboard, storytelling, prepare project explanation (STAR method).

Day 14: Mock Interview

Full mock: 10 SQL, 5 Python, 5 Pandas, 5 Power BI, 5 scenario/behavioural questions. Time yourself.

Day 15: Final Revision

Review notes, re-run key practice problems, rehearse project explanation, quick Q&A round.

Study Tips & Daily Checklist

- Focus on consistency — better to study 1 hr 40 mins daily than cramming.
- Keep a notebook: write 3 goals each day and 3 takeaways at the end.
- During interviews, explain your project using STAR (Situation, Task, Action, Result).
- For SQL and Pandas, prefer writing queries/code by hand at least once.
- Keep sample dataset and Power BI file ready to demo if asked.

Daily Checklist (tick each day)

- ☐ Day 1 completed
- ☐ Day 2 completed
- ☐ Day 3 completed
- ☐ Day 4 completed
- ☐ Day 5 completed
- ☐ Day 6 completed
- ☐ Day 7 completed
- ☐ Day 8 completed
- ☐ Day 9 completed
- ☐ Day 10 completed
- ☐ Day 11 completed
- ☐ Day 12 completed
- ☐ Day 13 completed
- ☐ Day 14 completed
- ☐ Day 15 completed