**Week 1: Python & Pandas Practice Schedule**

**Day 1: Python Basics Review**

* 30 mins: Data types, variables, if-else, loops
* 90 mins: Practice small coding problems (e.g., factorial, prime number)
* 30 mins: Explore Python notebook on Kaggle
* 30 mins: Make summary notes + push to GitHub

**Day 2: Functions & Data Structures**

* 30 mins: Functions, lists, tuples, dictionaries
* 90 mins: Practice 5–6 problems (sorting, searching, dictionary tasks)
* 30 mins: Read a beginner Python project (GitHub)
* 30 mins: Push notes + code to GitHub

**Day 3: Numpy Basics**

* 30 mins: Theory – arrays, indexing, slicing, reshaping
* 90 mins: Hands-on with Numpy arrays
* 30 mins: Kaggle kernel on Numpy
* 30 mins: Update GitHub + revise key concepts

**Day 4: Pandas DataFrames – Part 1**

* 30 mins: Learn about Series & DataFrames
* 90 mins: Load a CSV and do basic analysis (head, info, describe)
* 30 mins: Try a public dataset (e.g., Netflix or Titanic)
* 30 mins: GitHub push + notes

**Day 5: Pandas DataFrames – Part 2**

* 30 mins: Data selection (loc, iloc, filtering`)
* 90 mins: Practice cleaning & filtering on real dataset
* 30 mins: Follow along a YouTube tutorial
* 30 mins: Update notes + GitHub

**Day 6: GroupBy & Aggregation**

* 30 mins: Grouping, aggregating, sorting data
* 90 mins: Do mini project (e.g., Sales analysis)
* 30 mins: Study someone’s similar project
* 30 mins: GitHub + write blog-style summary (optional)

**Day 7: Mini Project Day**

* 2 hrs: Complete a small Data Analysis project (e.g., Netflix Dataset Analysis)
* 1 hr: Clean code + write explanations in markdown
* 30 mins: Upload to GitHub + share on LinkedIn (optional)

**Daily Social & Career Routine (30–45 mins)**

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| Day | LinkedIn | GitHub | Kaggle | Indeed |
| Day 1 | Update profile (skills, about, certifications) | Push Week 1 repo setup | Create Kaggle profile & set bio | Upload latest resume + set alerts |
| Day 2 | Post: “Starting my AI/Data Science practice journey – 1-month plan” | Push Python practice notebooks | Follow 5 datasets or notebooks | Search internships (keywords: AI intern, data analyst) |
| Day 3 | Comment on 2 AI/Data Science posts | Add commits (Numpy tasks) | Explore 1 dataset (Titanic etc.) | Apply to 3 jobs & save more |
| Day 4 | Share 1 learning tip from Python/Numpy | Push Pandas cleaning code | Try a Kaggle notebook | Check messages from recruiters |
| Day 5 | Connect with 5 AI/ML/Data professionals | Push GroupBy & Aggregation code | Comment or upvote 2 notebooks | Apply to 2 jobs + update job preferences |
| Day 6 | Post progress on Week 1 mini project | Final project commit | Share notebook if done | Bookmark 5 companies to follow |
| Day 7 | Share project summary + GitHub link | Write clean README file | Upload final notebook | Apply to top 5 saved jobs |