Task Completion Estimation (RAG + Code Logic)

# Query 1: Can you estimate the completion date for the task 'Build a machine learning pipeline' assigned to Ayesha?

Answer: Assigned to: Ayesha

Skills: Proficient in Python, scikit-learn, and model validation Training: Bootcamp on design thinking

Leaves Taken: 26 (historical)

Assuming no planned leave during the task duration and today is 2025-04-20. Estimated Completion Date: 2025-04-25 (skipping weekend April 26-27).

# Query 3: Estimate when the task 'Automate financial reporting' will be completed by Vikram.

Answer: Assigned to: Vikram

Skills: Experienced with Node.js, MongoDB, and RESTful services Other Activities: Working on a team culture initiative

Leaves Taken: 11

No future leaves indicated.

Estimated Completion Date: 2025-04-25 assuming normal workload and skill match.

# Query 4: How long will it take for Sanya to finish 'Set up cloud infrastructure'?

Answer: Assigned to: Sanya

Skills: Well-versed in market research, Excel dashboards, and BI tools Training: Webinar on green finance

Leaves Taken: 16

Assuming a 5-day task, skipping weekends after April 20, 2025. Estimated Completion Date: 2025-04-25.

# Query 5: Can you provide a completion estimate for 'Design a mobile app UI' assigned to Rohan?

Answer: Assigned to: Rohan

Skills: Skilled in Figma, UX design, and prototyping Experience: Completed a course on Agile methodology Leaves Taken: 12

Task starts on 2025-04-20. Estimated Completion Date: 2025-04-25, accounting for weekend skip.