

Data Analytics Puzzle - Scenario 3

You are working with a dataset from a fitness app that tracks users' daily activity.

UserID	Date	Steps	ActiveMinutes	CaloriesBurned	SleepHours
U001	2023-07-01	8000	45	300	7
U002	2023-07-01	12000	60	450	6.5
U001	2023-07-02	7000	40	280	8
U003	2023-07-01	5000	30	200	6
U002	2023-07-02	11000	55	430	7
U003	2023-07-02	6000	35	250	6.5

Answer the following questions based on the dataset:

- 1. Which user had the highest total number of steps over the two days?
- 2. What is the average number of active minutes per user per day?
- 3. Which day had the highest total calories burned?
- 4. What is the correlation between steps and calories burned?
- 5. Which user had the most consistent sleep pattern?

Apply your analytical thinking to interpret the trends and derive insights.