

Data Analyst/Engineer Evaluation Project

Exercise 1

Review the dummy data below. Please create an Excel-based patient enrollment forecast / implementation schedule for five of our clients that are just about to undergo implementation. The company has not yet set expectations around timing or length of enrollment period for any of these clients

Dataset Definitions

Max Capacity: The number of patients our enrollment staff can reach in a month.

Total Patient Population: The total number of CCM eligible patients for a client that would need to be enrolled.

Strategic Priority: The importance of the client's roll-out for the company ranging from 1 as the highest priority client to 5 as the lowest priority client.

Client Profiles

| Client | Total Patient Population | Strategic Priority |
|-----------|--------------------------|--------------------|
| Tennant | 5,000 | 1 |
| Capaldi | 4,000 | 5 |
| Whittaker | 8,000 | 4 |
| Eccleston | 9,000 | 3 |
| Tate | 12,000 | 2 |

Max Enrollment Capacity Per Month for Each Quarter

Q1: 3,000 per month Q2: 2,000 per month

Q3: 1,000 per month Q4: 3,000 per month

Q5: 1,000 per month Q6: 2,000 per month

Q7: 1,000 per month Q8: 3,000 per month

Note: Hardcoding formulas is NOT considered best practice for our models.