**Business Questions and Cases for Analysis:**

1. **What is the total cost incurred by the hospital for treatments provided over a specific period?**
   * **Analysis:** Use the **Total Treatment Cost** measure to evaluate the financial burden of treatments and plan cost optimizations.
2. **How much of the treatment cost is covered by insurance versus paid out-of-pocket by patients?**
   * **Analysis:** Use the **Total Insurance Claim Amount** and **Total Out-of-Pocket Expenses** measures to assess insurance coverage efficiency and patient financial burden.
3. **What is the average length of hospital stay for patients, and how does it vary across different departments?**
   * **Analysis:** Use the **Average Length of Stay** measure and break it down by departments to identify areas where efficiency can be improved.
4. **What percentage of patients are readmitted within 30 days, and how can we reduce this rate?**
   * **Analysis:** The **Readmission Rate** measure helps in identifying patterns leading to readmissions and implementing preventative measures.
5. **What is the mortality rate in the hospital, and are there specific departments with higher mortality rates?**
   * **Analysis:** Use the **Mortality Rate** measure to monitor patient outcomes and target improvements in critical care areas.
6. **What is the average patient satisfaction score, and how can it be improved across various services?**
   * **Analysis:** The **Average Patient Satisfaction Score** measure provides insights into patient experiences, allowing the hospital to enhance service quality.
7. **Which departments handle the highest number of patients, and are there any bottlenecks?**
   * **Analysis:** The **Total Patients by Department** measure helps in workload distribution analysis and resource allocation.
8. **What is the revenue generated per patient, and how does it differ across treatments and departments?**
   * **Analysis:** Use the **Total Revenue per Patient** measure to assess the financial efficiency of different services and identify high-value areas.
9. **What is the demographic breakdown of patients by age and gender, and how can this information be used to tailor healthcare services?**
   * **Analysis:** The **Average Age of Patients** and gender-specific count measures can guide marketing and service customization.
10. **What is the distribution of male, female, and other gender patients, and how does this influence healthcare delivery?**
    * **Analysis:** Use the **Male Patient Count**, **Female Patient Count**, and **Other Gender Patient Count** measures to understand the gender distribution and address any gender-specific healthcare needs.