Executive Summary:

Riverbend Hospital is an Illinois hospital that specializes in the treatment of patients and the prescription of medicines. River bend hospital employs a wide variety of staff members across a wide array of specialties. These specialists are assigned to different medical wards and take part in providing medical services in order to treat patients. Riverbend even keeps track of its beds, including what type of bed it is, what room (and subsequently ward) it is in, and if it is currently occupied or not. A patient who is admitted, receives a specific medical service as a treatment from a medical specialist. The cost of the service does not necessarily equate to the cost of the specific treatment and as a result, discrepancies do occur.

Business Requirements:

* What is the average difference in charge of a treatment and service charge by service category, daily, weekly, monthly
  + Asked by the Financial Manager
  + It gives insight as to which types of services are potentially being over or under charged and how often these variances vary
* How many prescriptions are being filled out by Medicine, by ward department, by medical specialty daily, weekly, monthly
  + Asked by the head of Pharmacology
  + Important as it can show which types of medicines are in highest demand, which wards and medical specialties distribute the most medicine
* How many treatments are staff members providing daily, weekly, monthly, by service category, by medical specialty, by room description
  + Asked by the Performance Manager
  + It shows if there are any specific types of services that are practiced more often, it can show which types of medical specialists perform the largest amounts of treatments, and if the type of room impacts the amount of treatments that occur in it

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| Information Subject : Charge in treatments provided | | | |
| **Date** | **Service** |  |  |
| Year | Service Category ID |  |  |
| Month | Service Category Description |  |  |
| Week |  |  |  |
| Day |  |  |  |
|  |  |  |  |
| Facts: Treatment Actual Charge, Service Charge | | | |

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| --- | --- | --- | --- |
| Information Subject : Prescriptions being filled out | | | |
| **Date** | **Medicine** | **Ward Department** | **Medical Specialty** |
| Year | Med\_Name\_Sci | Ward\_ID | Specialty Code |
| Month | Normal Dosage | Ward\_Dept\_Name | Spec\_Tital |
| Week | Medicine comments |  |  |
| Day |  |  |  |
|  |  |  |  |
| Facts: Quantity of Prescriptions | | | |

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| --- | --- | --- | --- |
| Information Subject : Performance of Staff Members | | | |
| **Date** | **Treatment Category** | **Room Description** | **Staff** |
| Year | Treatment ID | Room\_ID | Hospital Title |
| Month | Service ID Dosage | Room Descriptions | Ward Department Assigned |
| Week | Service Description |  | Ward Department Name |
| Day | Service Charge |  | Medical Specialty Code |
|  | Service Comments |  | Specialty Title |
|  | Service Category |  |  |
|  | Service Category Description |  |  |
| Facts: Quantity of Treatments | | | |