1. **Views**

* Our project contains the 6 views below, each of which will help address specific problems and provide a clear overview of the app store. These views will also be relevant for the end-user and for business reporting.
* **APP\_STORE\_APP\_OVERVIEW:**
* This view will show numerous aggregate app counts for the app store over time. Examples of these counts will include total\_apps. These counts will be grouped by time, app\_category, and overall\_rating for more granular breakdowns of the data.
* **APP\_STORE\_USER\_USAGE:**
* This view will show numerous aggregate user and profile counts for the app store over time. Examples of these counts will include total\_users and total\_profiles. These counts will be grouped by time and user\_country for more granular breakdowns of the data.
* **USER\_APP\_DASHBOARD:**
* This view will show a user’s overall experience in the app platform. Overall user metrics will be included, such as total\_profiles, total\_apps, total\_apps\_with\_available\_update, total\_size, total\_subscriptions, total\_reviews etc.
* **USER\_PAYMENT\_DASHBOARD:**
* This view will show an overview of a user’s existing subscriptions and payments. Metrics here will include total\_subscription\_amount, next\_subscription\_end\_date, and most\_recent\_subscription. These metrics will be broken down by subscription type.
* **DEV\_APP\_STATUS:**
* This view will be a tool for the developer to see the overall usage and status of users for their apps. The metrics for this view will be aggregate user counts. These metrics will be broken down by app\_version and subscription\_type.
* **REVENUE\_DASHBOARD:**
* This view will show an overview of the financial side of the app store for a developer. The metrics here will be broken down by app. Metrics here will include total\_users, total\_ad\_cost, total\_subscription\_amount, and total\_subscriptions.