Data driven report for Bevy

Requirements:

Create a lookup table which will enable the organization to overview all the aspects of an events and can answer the following questions:

1. How many events were taken place?
2. What is the status of an event?
3. How many events are multiday or recurring?
4. Which payment type is utilized the most?
5. Which event segment is the most popular?

Overall Conclusion:

Weakness in the verification and validation process of the Bevy events and type of events which needs to be accurate and should follow a process flow from collecting the data to verifying and validating the data.
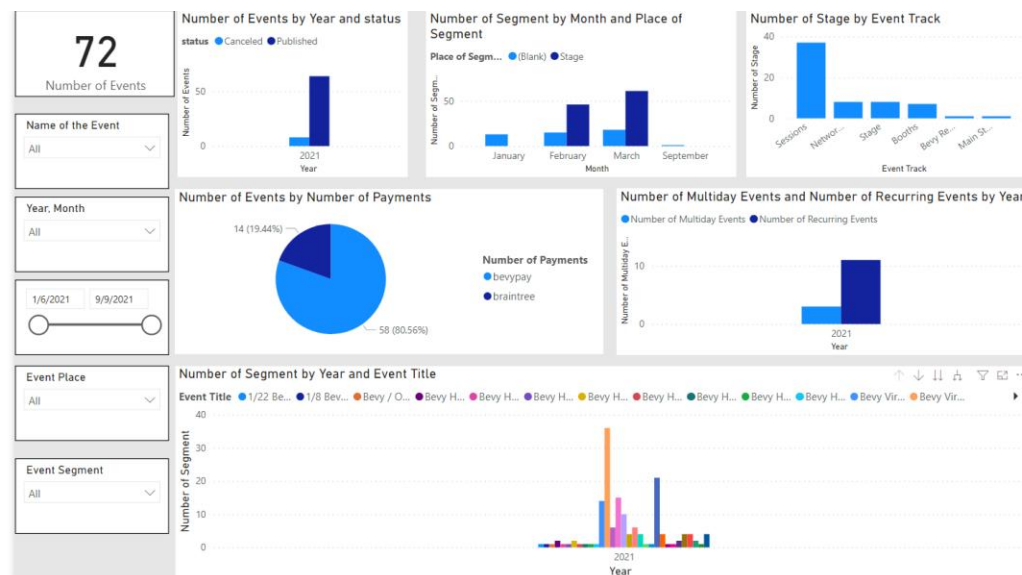
While the events do have primary key for unique identification, but it also has foreign keys to represent other parts of an event like segment, track, place. Data dictionary should be provided for a better clarification along with data model from Power BI. The relationship of all the parts of an events needs to be clarified in data dashboard and data model which will enhance the data analysis purpose and provide better insights on the data.

SQL Data model query:

SELECT * from events_event, events_eventtype, events_place, events_segment, events_track on events_event.id = events_eventtype.id = events_place.event_id = events_segment.event_id = events_track.event_id

In SQLite provides joins like SQL, we can also substitute it on, and it will create a join to join all the csv files and the dataset based on Event_ID which is a unique primary key.

The following is the Power BI Overview report of the events.

The data dashboard provides the following insights for the requirements:

1. <u>How many events were taken place? = 72 events</u>

2. <u>What is the status of an event? = = 8 events were cancelled and 64 events were published</u>

3. <u>How many events are multiday or recurring? = 11 events are recurring events and 3 events are multiday</u>

4. <u>Which payment type is utilized the most? = 80.56% of the time, bevy pay is utilized as compared to 19.44% of the time Braintree is utilized.</u>

5. <u>Which event segment is the most popular? = Bevy virtual retreat is the most popular event.</u>