



DSMM – DISNEY WORLD

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I. WEEK 4: DELIVERABLES

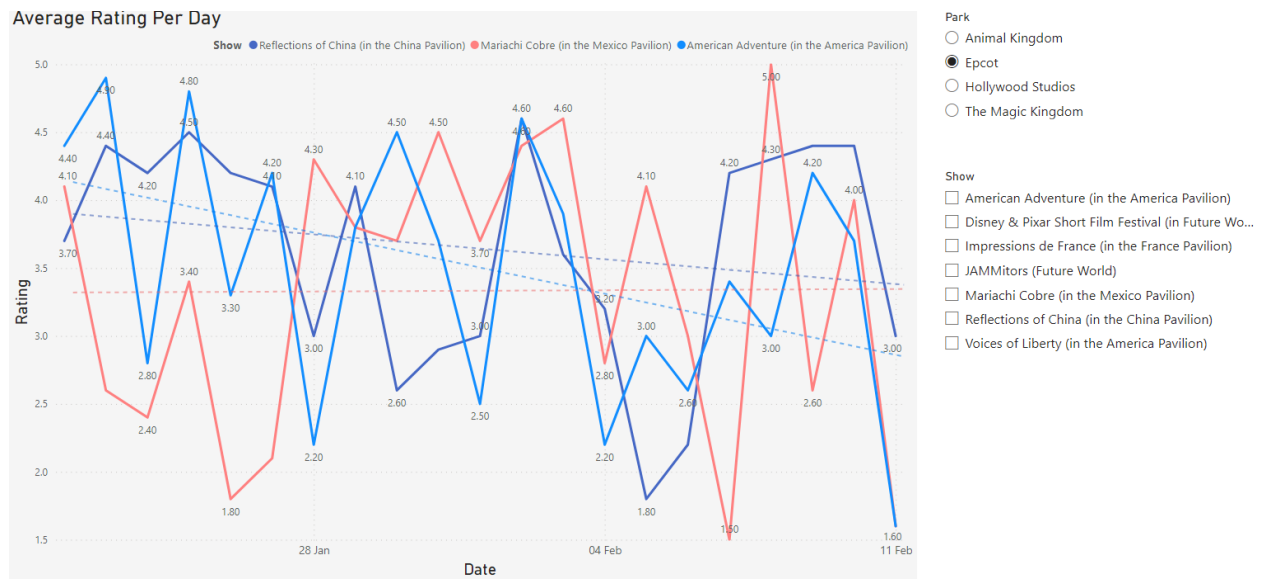
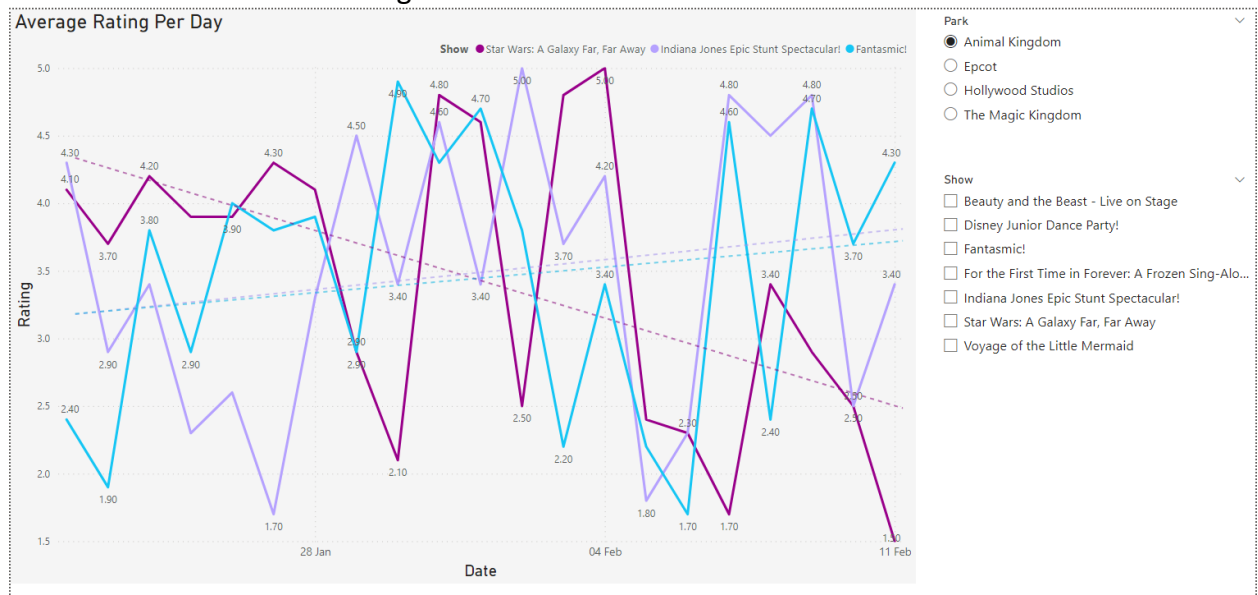
- Pick three Disney World shows as the focus of this week's deliverable. They can be in any park/resort. Examples of shows that you can pick (these are just examples; you don't have to pick one of the following):
 1. Country Bears Jamboree (Magic Kingdom)
 2. The Hall of Presidents (Magic Kingdom)
 3. Fantasmic (Hollywood Studios)
 4. Indiana Jones Stunt Spectacular (Hollywood Studios)
 5. Finding Nemo: The Big Blue... and beyond! (Animal Kingdom)
 6. Festival of the Lion King (Animal Kingdom)
 7. The American Adventure (Epcot)
- Choose one of the following options to focus on for this week's deliverable:
 1. Option #1 - Audience Analysis for Show: Analyze audience data for your chosen shows. This will involve studying factors like age, gender, location, and visitors' preferences to understand what makes a show popular among them.
 2. Option #2 - Predictive Analytics for Show Scheduling: Use predictive analytics based on historical data to create a suggestion forum (either a written document, infographic, or something similar) to suggest the best time and day to visit the shows you're focusing on. This will help maximize attendance and improve the overall guest experience.
 3. Option #3 - Data Visualization for Show Ratings: Develop data visualizations to showcase the ratings of the shows you're focusing on this week. This will give insights into which shows are performing well and which ones need improvement.

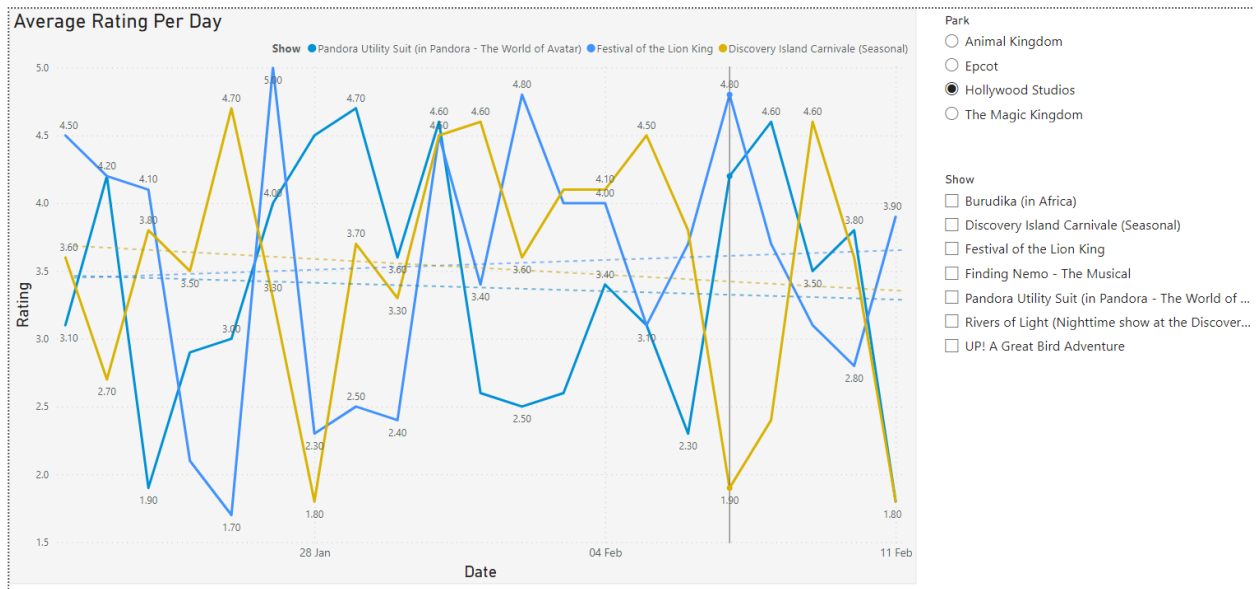
II. WEEK 4 Deliverable Status

We have chosen to perform Data Visualisation for Show Ratings. We have used the synthetic data generated using python script for past 21 days. The data consist of average ratings of each show at the end of the day. We have created a small dashboard with couple of filter options to choose from to analyze the ratings for various shows based on the 4 Parks.

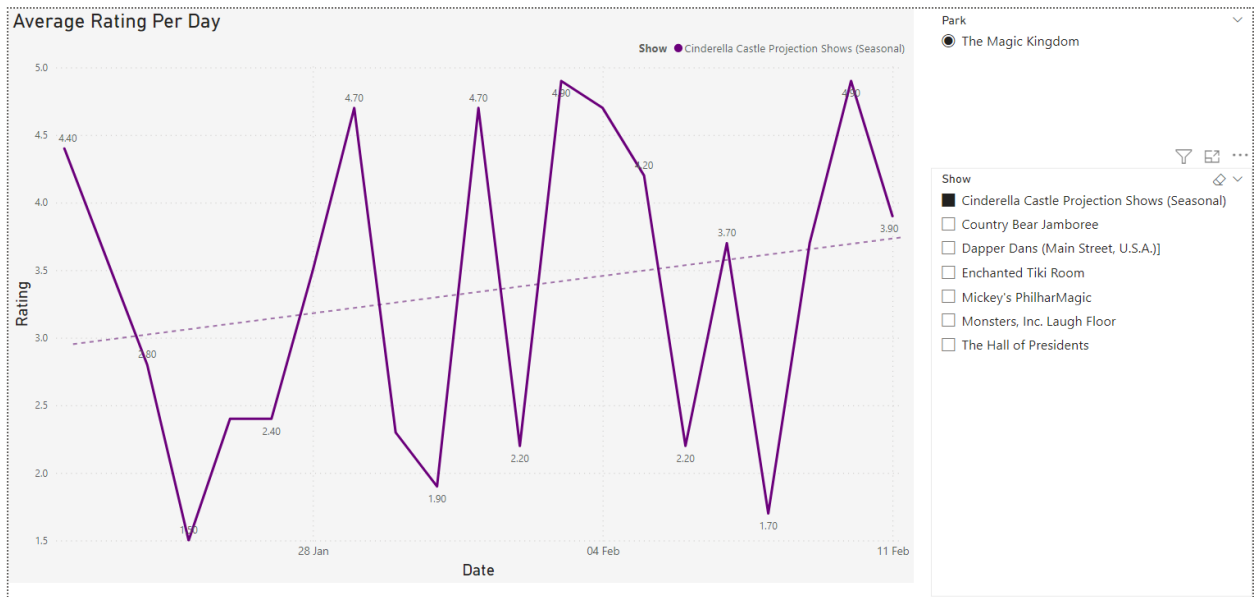
- Task: Analyzing the average ratings of shows

1. Below are the graphs that displays the shows with highest average ratings per day based on the Park Filter on the right.

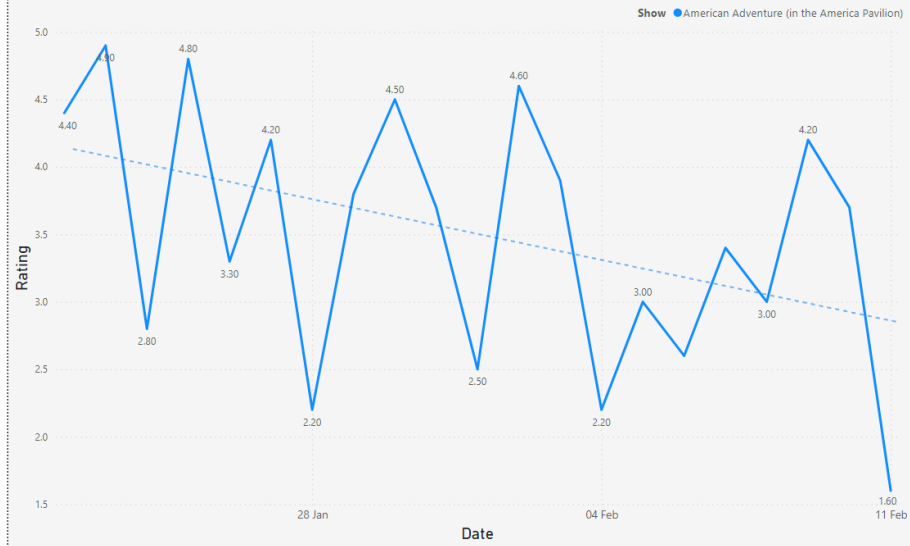




2. The graphs below display the average ratings for individual shows for past 21 days with the trend line to showcase the increase or decrease in show rating.



Average Rating Per Day



Park

● Epcot

Show

- ☒ American Adventure (in the America Pavilion)
- ☐ Disney & Pixar Short Film Festival (in Future Wo...
- ☐ Impressions de France (in the France Pavilion)
- ☐ JAMMitros (Future World)
- ☐ Mariachi Cobre (in the Mexico Pavilion)
- ☐ Reflections of China (in the China Pavilion)
- ☐ Voices of Liberty (in the America Pavilion)