**C421 P3 graphs**

**SELECT** temp.actname, **avg**(temp.attcount) **AS** avgatt

**FROM** (**SELECT** actname, sdate, **count**(username) **AS** attcount

**FROM** attendance

**GROUP** **BY** actname, sdate) temp

**GROUP** **BY** temp.actname

**ORDER** **BY** temp.actname **ASC**;

|  |  |
| --- | --- |
| Auction House | 2 |
| Cafe | 5 |
| Dance Dance Evolution | 3 |
| Dealers Room | 2 |
| Deep Exploration via Randomized Value Functions | 13 |
| Ethical Artificial Intelligence Workshop | 2 |
| Management in Analytics | 2 |
| Power Hour | 13 |
| Rental Mario-Kart | 13 |
| This particular data visualizer views the number of attendance per each activity across all the activities schedule to take place during the convention.  From the bar graph we see that Deep Exploration, Power House and Rental Mari-Kart had the highest attendance compared to all the other activities. |  |

**SELECT** speciality, **count**(gname)

**FROM** guests

**GROUP** **BY** speciality

Speaker 7 31.81818

vendor 6 27.27273

performer 9 40.90909

**we had to use excel to compute the percentages! We couldn’t do it through a query (because we didn’t find a better way to do it through a query).**

This particular data visualizer compares the guests in their respective disciplines. To elaborate more, there were 3 different type of guests. They could either be a speaker, performer or a vendor. The pie chart shows how many of each compared to the other showed up at the convention.