

1. Plot 1 :  
The plot is related to Query 1. In this, as we can interpret maximum number of reviews in Ahwatukee city is given to categories like Bars, Coffee and Tea, Creperies, Food etc.
2. Plot 2:  
This Graph is related to 2<sup>nd</sup> query, where we calculate the average number of stars based on city and category. Here we can see that accessories is the favorite category in various cities with 5 star but in some cities like Cave creek, Chargin falls, Paradise Valley, this category fails to get good results.
3. Plot 3:  
In this plot, horizontal axis is categories around UWM (~10 miles each side) and vertical one is average number of stars. We can interpret here that Advertisement, Art school is the most famous one. This is a self-explanatory because various types of advertisements for students benefits them a lot like advertisements of books, sports etc. High rating of Art School signifies that many students like doing arts. whereas Allergists got the minimum rating out of all.
4. Plot 4a:  
This plot is between User Id and number of review\_count given by them. As we can see user without user\_id(blue bar) gives maximum number of reviews along with user\_id 7clk7hjlh..(purple bar).
5. Plot 4b:  
This plot signifies the average number of stars given by Top 10 reviewers. Here we can see that the Jennifer gives the average rating of 3 to various categories.

**Submitted By: Abhinish Popli**