



Parameters – Assignment

**Basic**



We've got our hands on a dataset containing metal bands and their fanbase. We want to analyze this data set by using multiple parameters to discover the top n and set our own targets.

Try to create the following visualization:

- Show the **average fanbase** for each **band name** in a **bar chart** sorted descending. Create **2** parameters to give our users more control

### 1. Top N Parameter

Create a parameter where the user can **type in a number** and this will be the top filter we apply. If a user types 10, we only want to see the **top 10 band names** by looking at the **average fanbase**

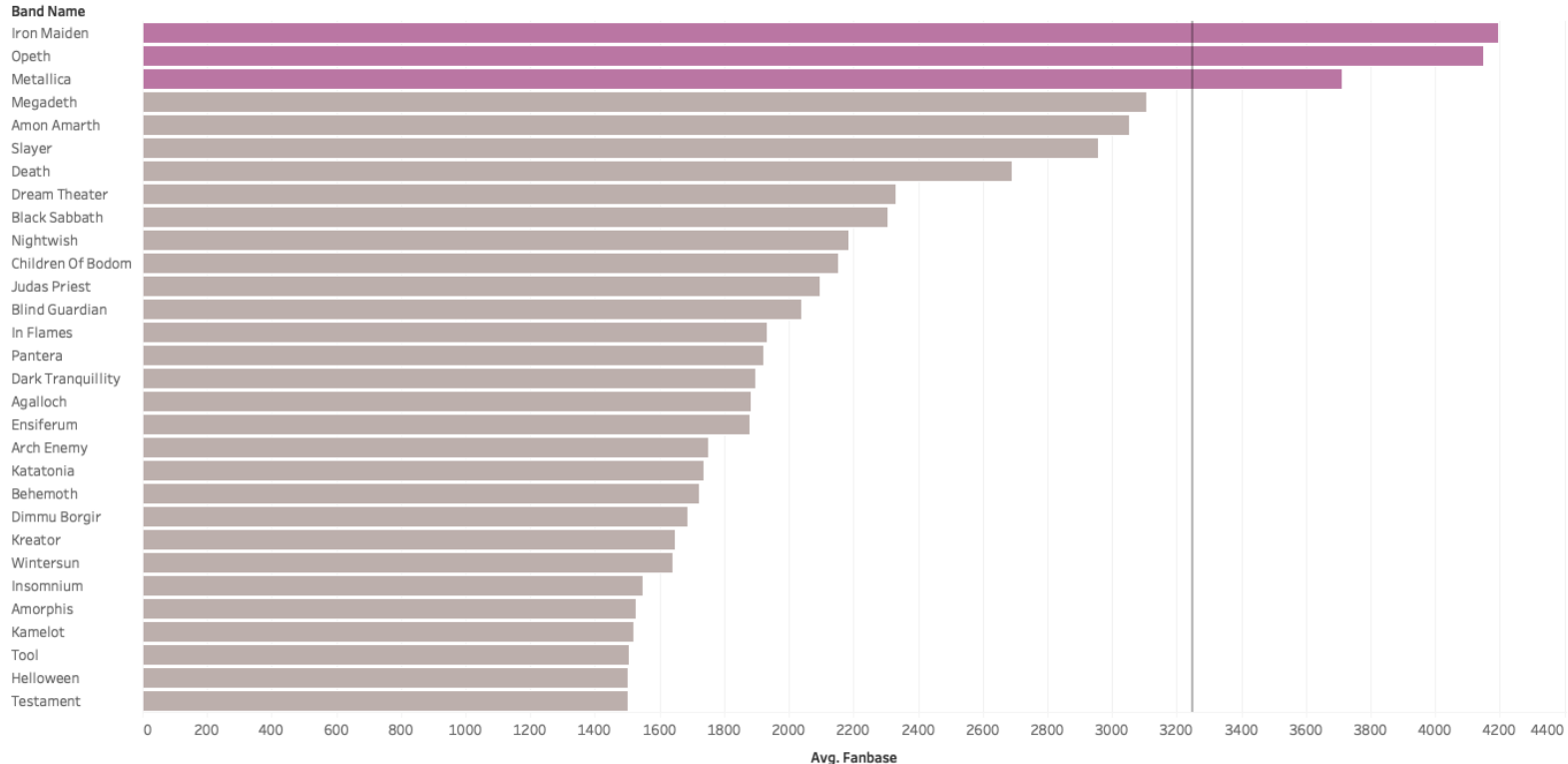
### 2. Target

Create a parameter that functions as a slider. This slider will control a **reference line** that acts as a **target**. If a bar is below the target, it should get color 1, otherwise color 2

Both parameters need to be visible for the end user on the right side of the visualization.



## 1. Avg Fans per Band



**Target**

3.250

**Top N**

30

**AGG(Above/below targ...**

False

True