CSCI-14a: Final Project Proposal  
  
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Topic: Data Visualization  
  
  
As an implementation and showcase of what we have learned thus far, we are now ready to plunge into the world of paleontology, collecting data from eras long gone. This time, we’ll be looking into the world of ants, who have existed for over a hundred million years, and have grown a huge evolutionary tree as a result of their social structure and undeniable success as a species.

We intend to use our visualization to resolve a niche but major issue that most researchers face looking up for such related data, the fact that the databases are crowded, and chock full of text walls. This makes their target data extremely time-consuming to gather, and for viewers to interpret as well. That’s not even mentioning the scrolling distance researchers have to bear.  
Verdict: These databases need some visualization.  
  
Our goal is take this incredibly sized data and build a visualization that represents the sizes of ant genus’s as time progressed year by year. Not only will this be able to form a lovely tree for viewers later on, but for any interested in the curiosity of ants, then this might be one of their lifesavers.   
  
Takeaways:  
Working with Flask, PSQL/SQL Alchemy, and D3  
Familiarity with advanced application of Python, HTML, CSS, JavaScript, and SQL in this field.