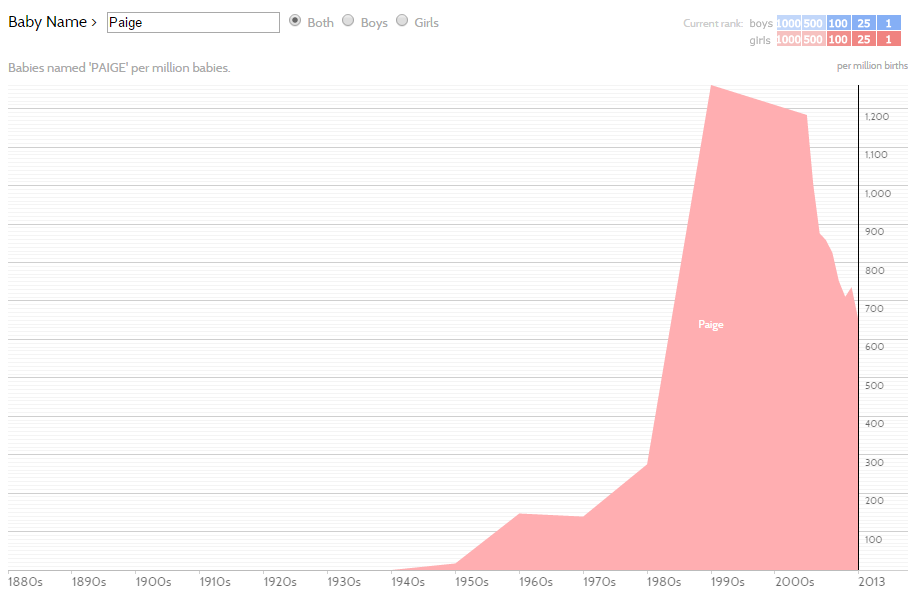
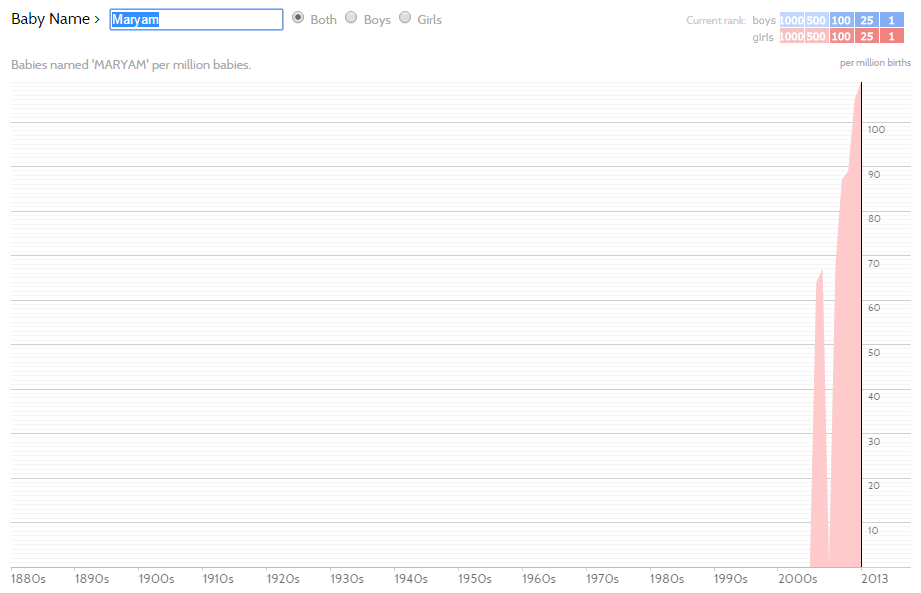
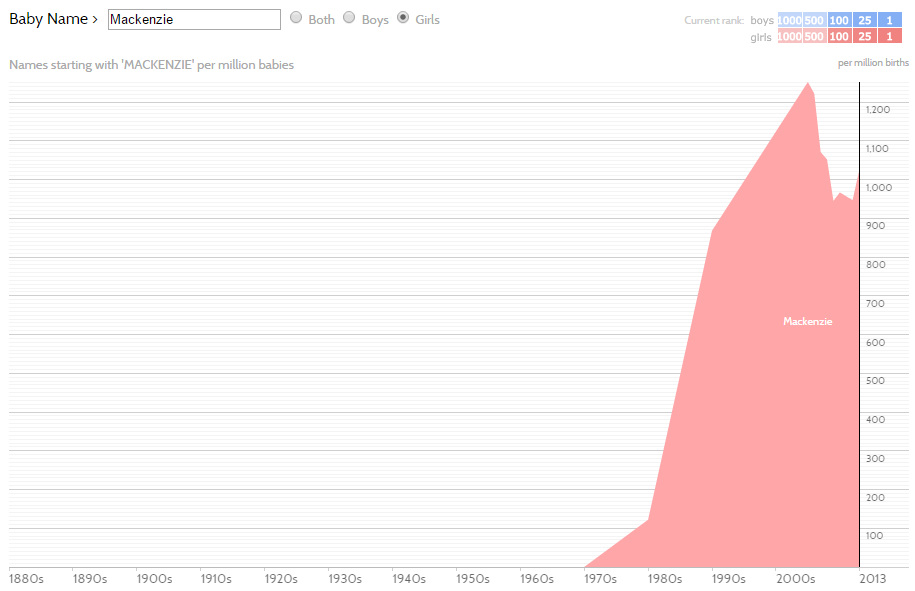
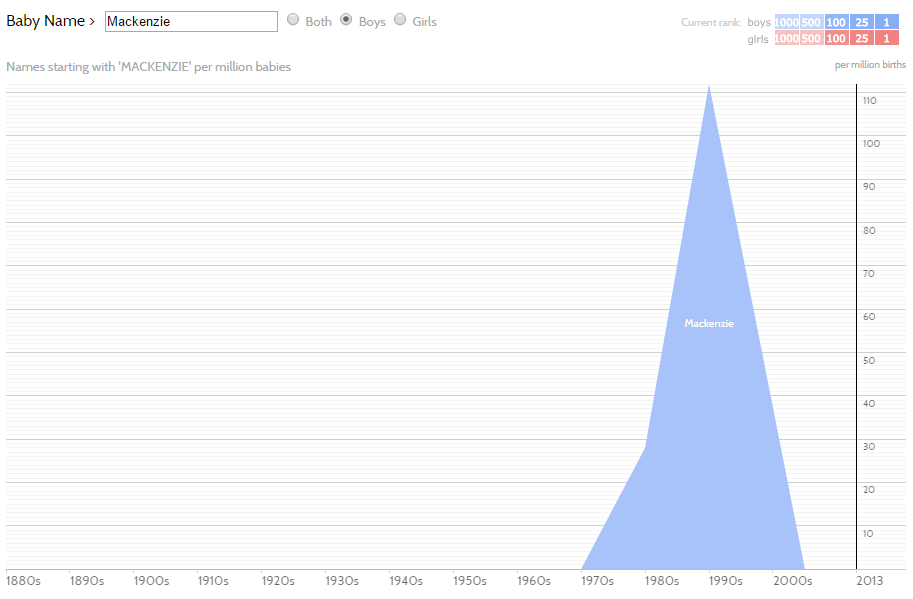
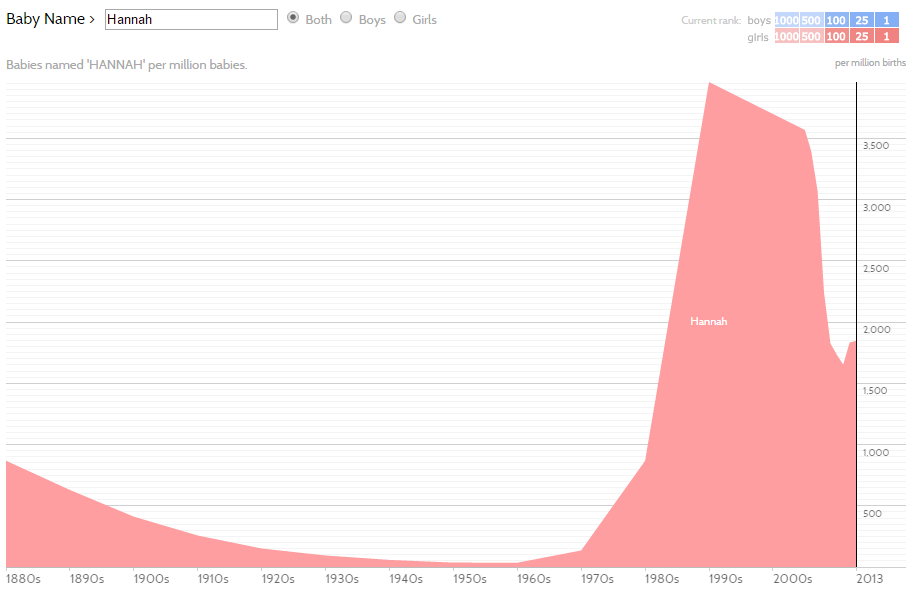
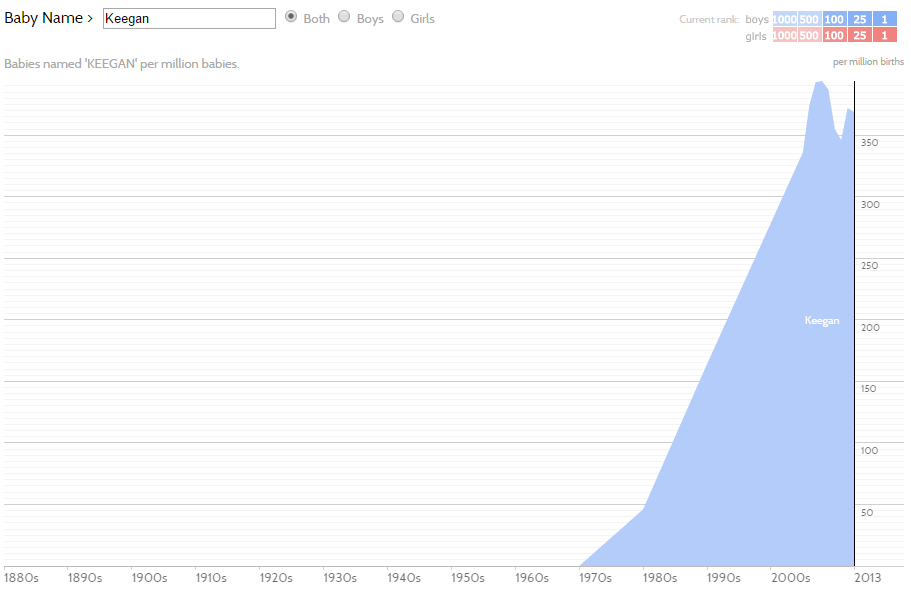
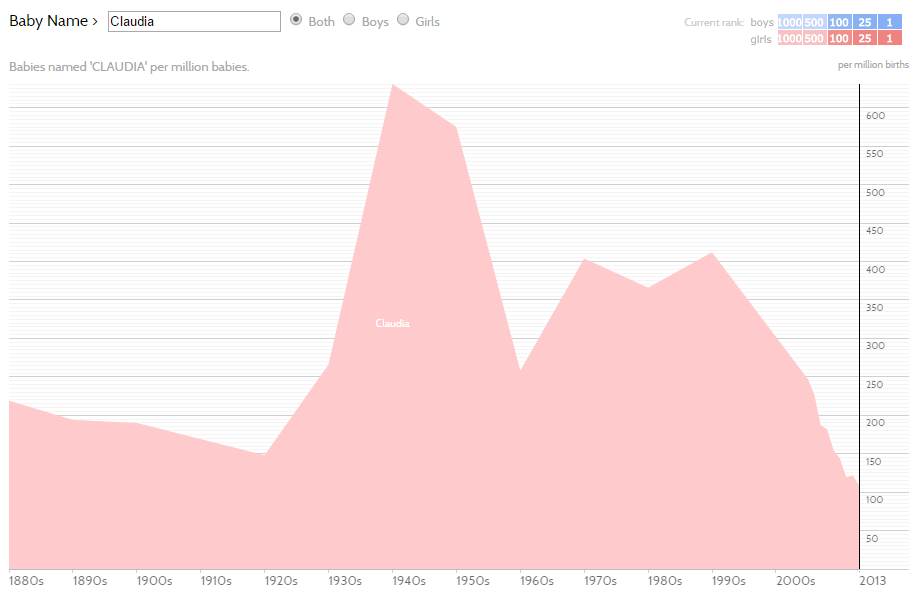
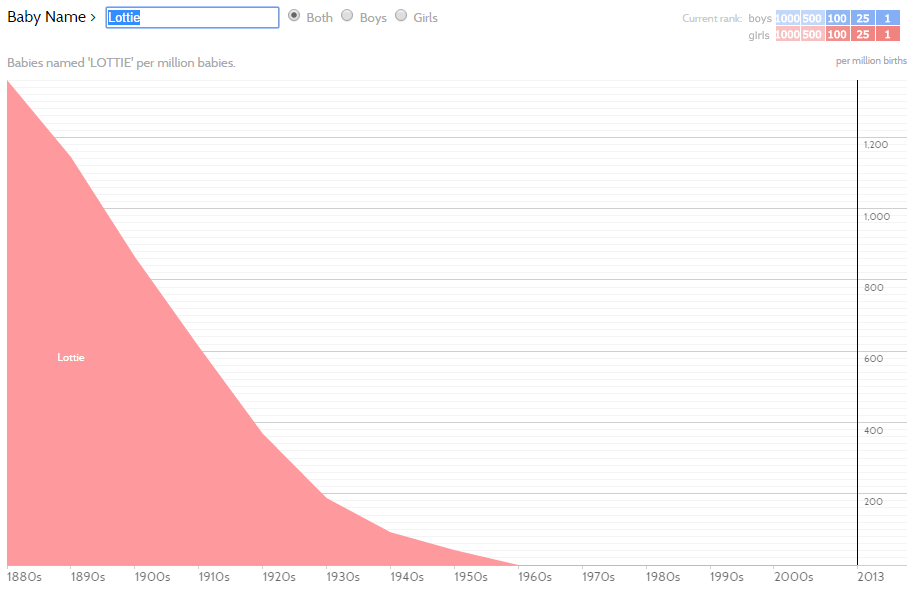
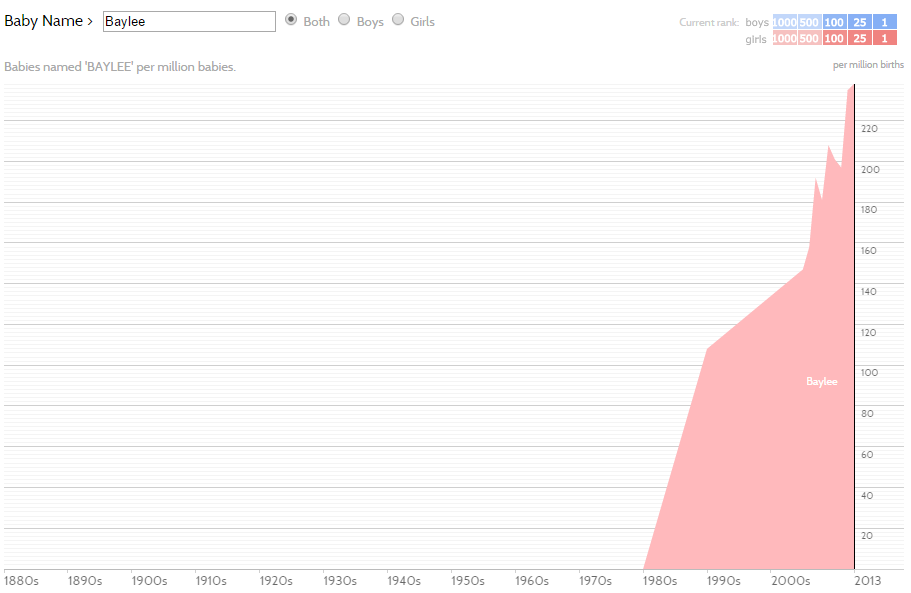
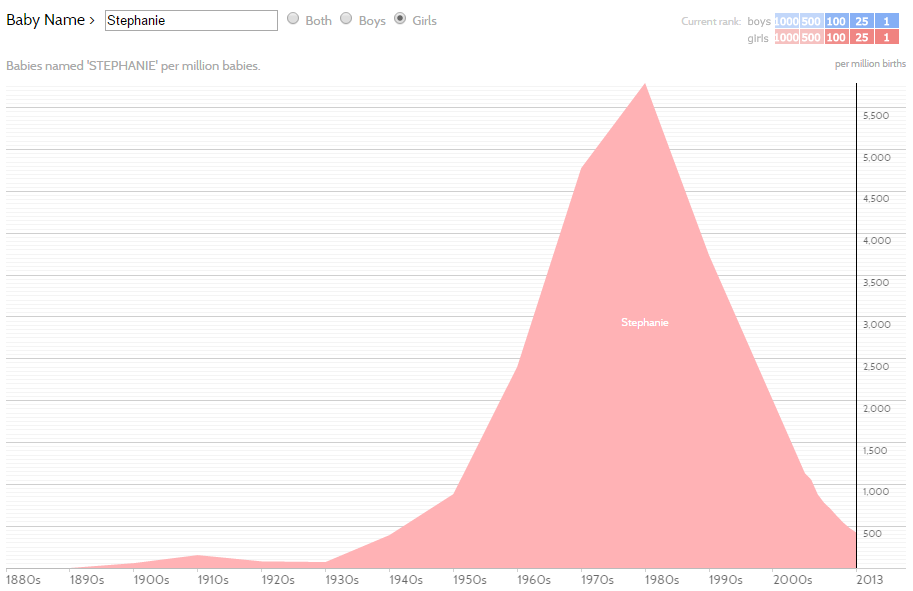
**PART TWO:** Writing descriptions of time series data

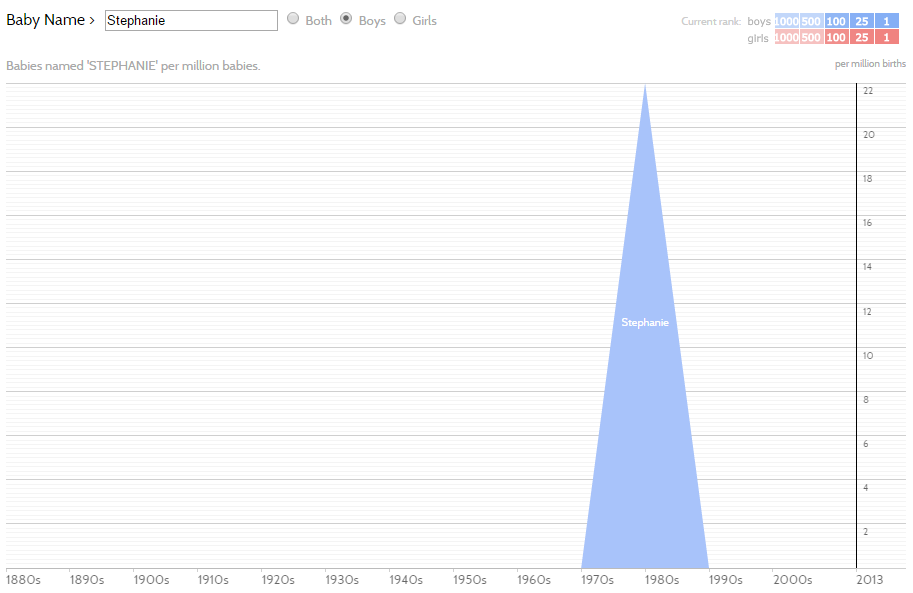
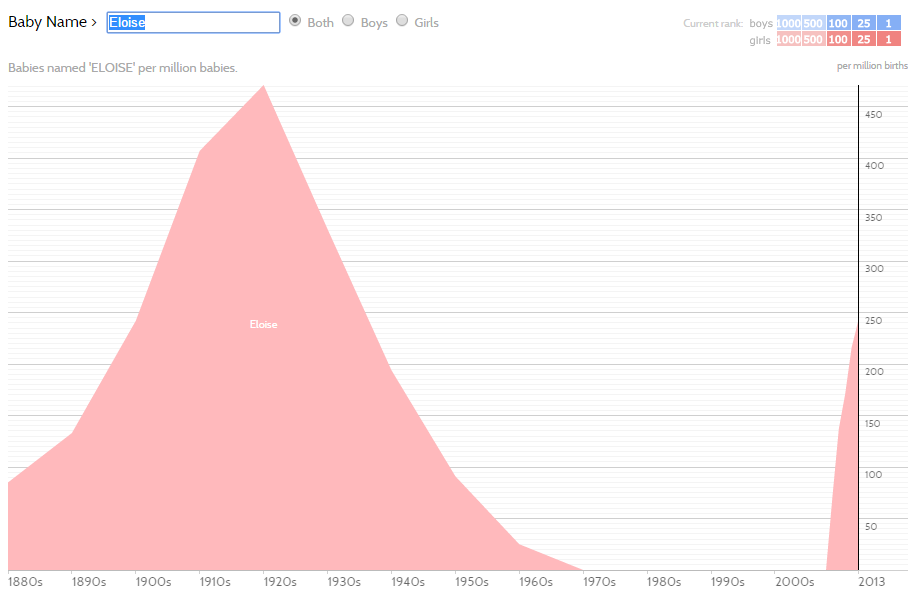
**Learning Intention:** Use statistical language to describe features of time series data

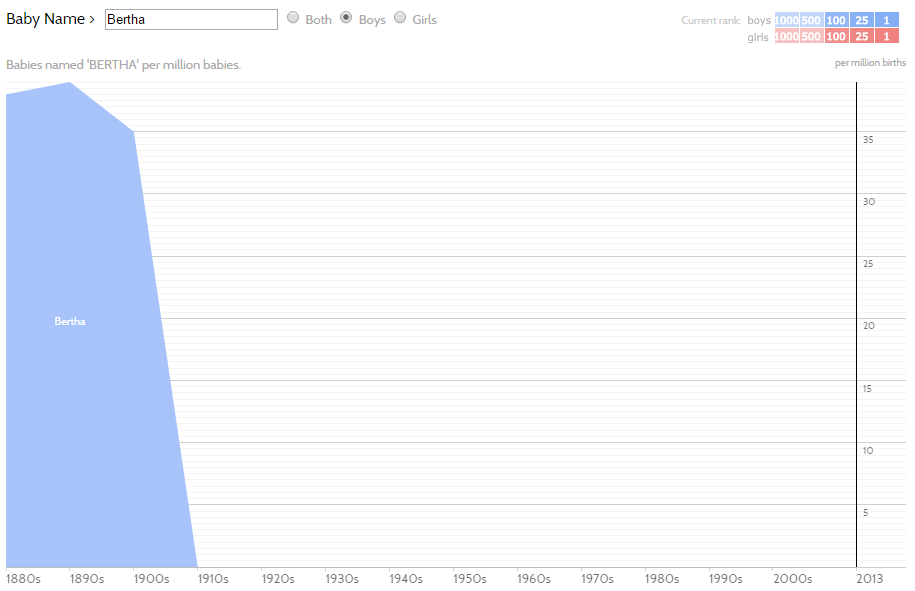
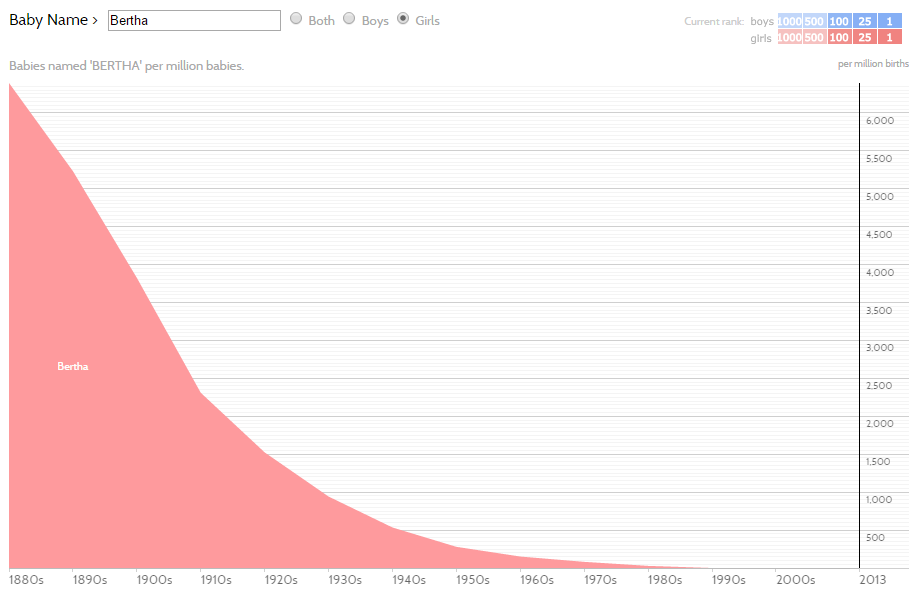
**Success Criteria:** Use appropriate statistical language to describe features, trends and patterns of times series data.

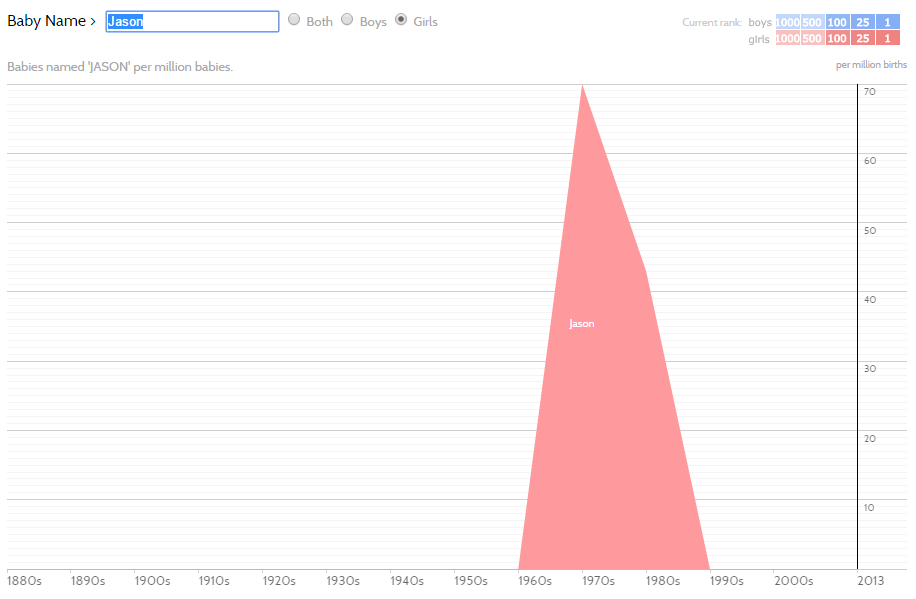
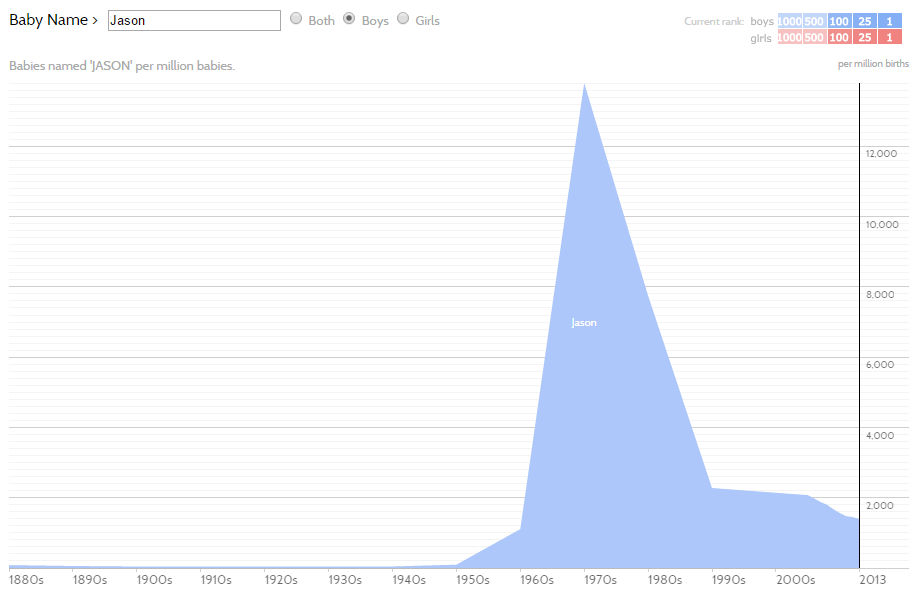
**Task One:** Write descriptions of the following graphs using the statistical language from Part One. Use “Identify and quantify” structure. If you have a unique name – you may choose to analyse another name, or, draw your own graphs in the space provided and write a description of the time series you have created.

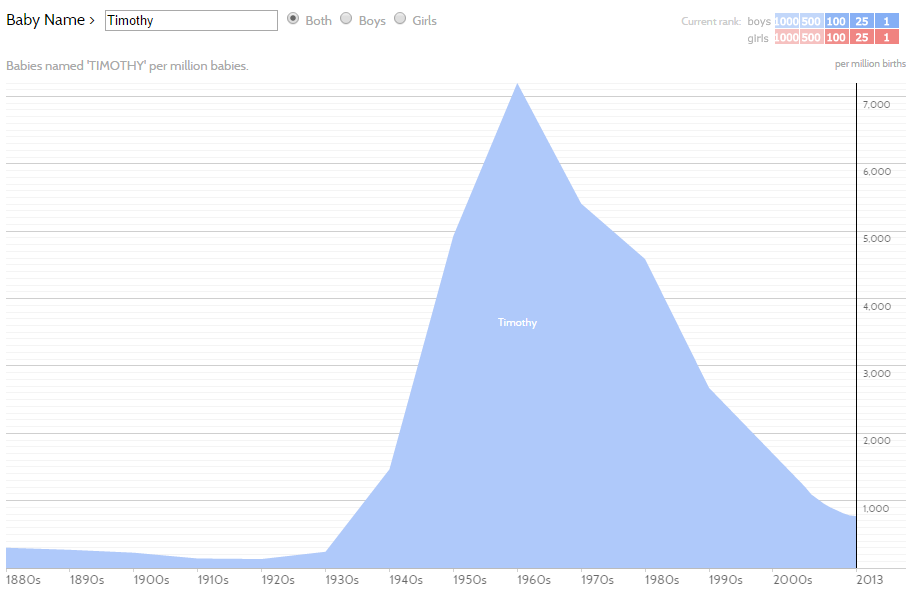
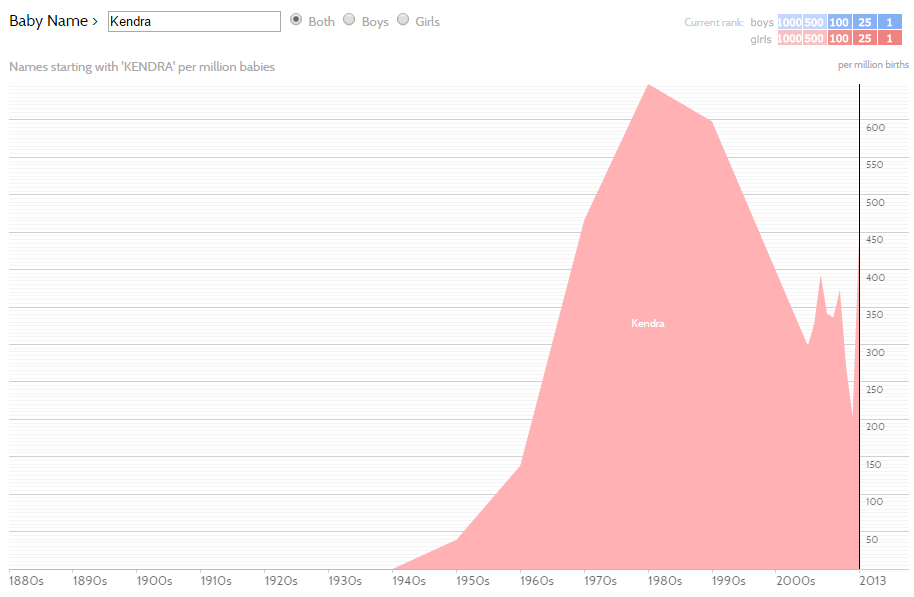
       

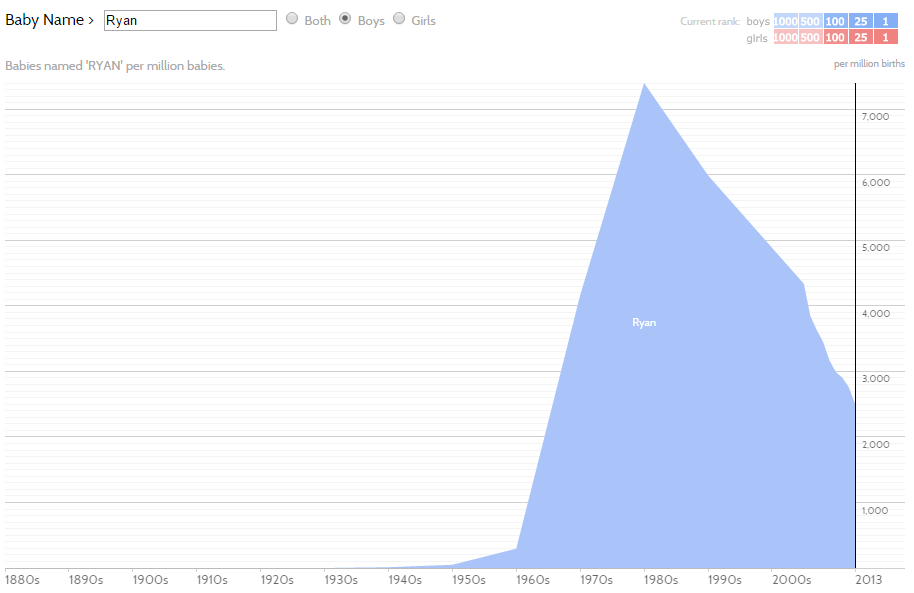
 

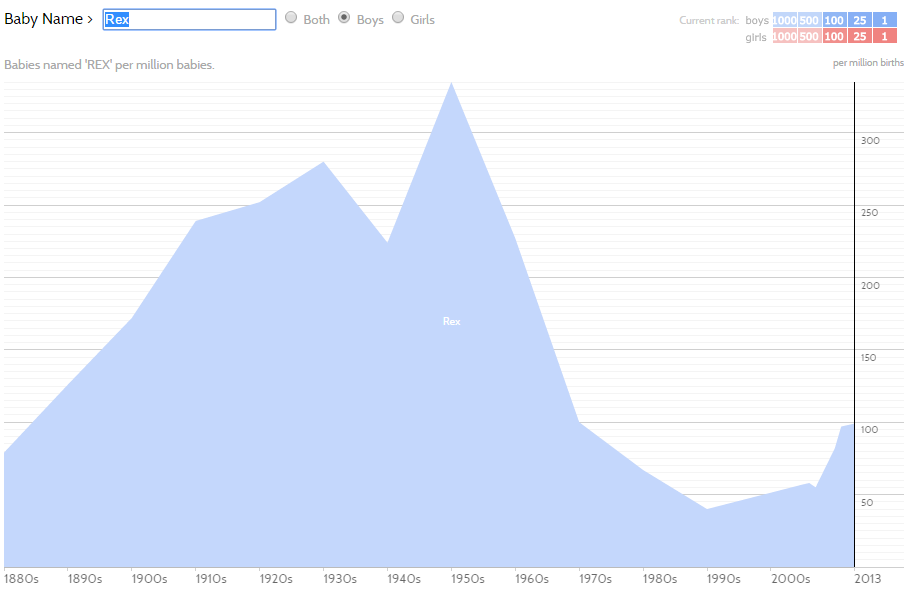
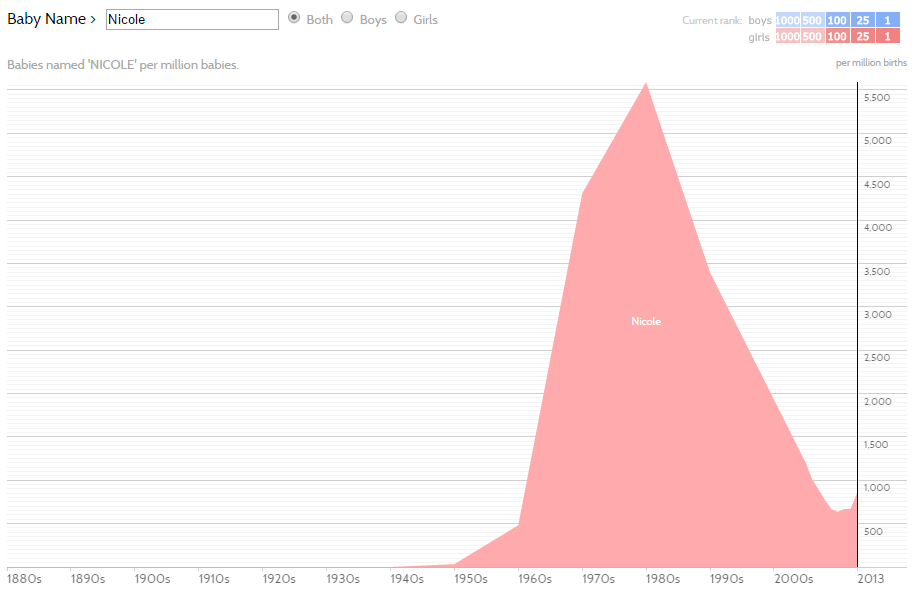
 

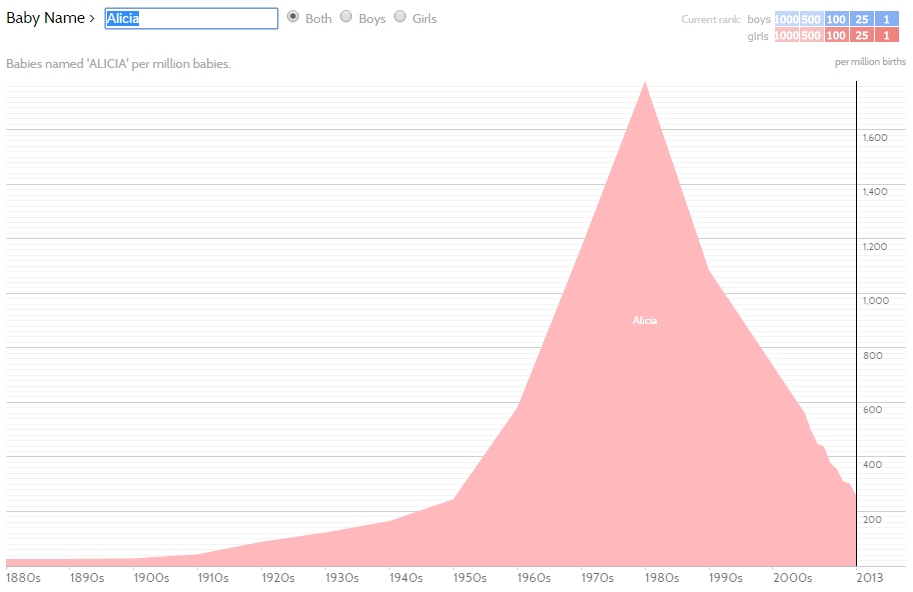
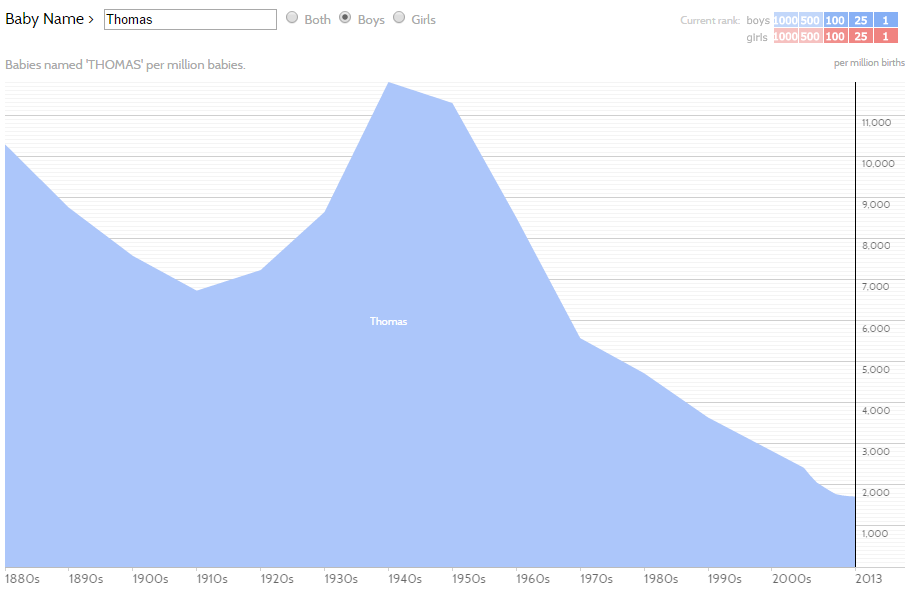
 

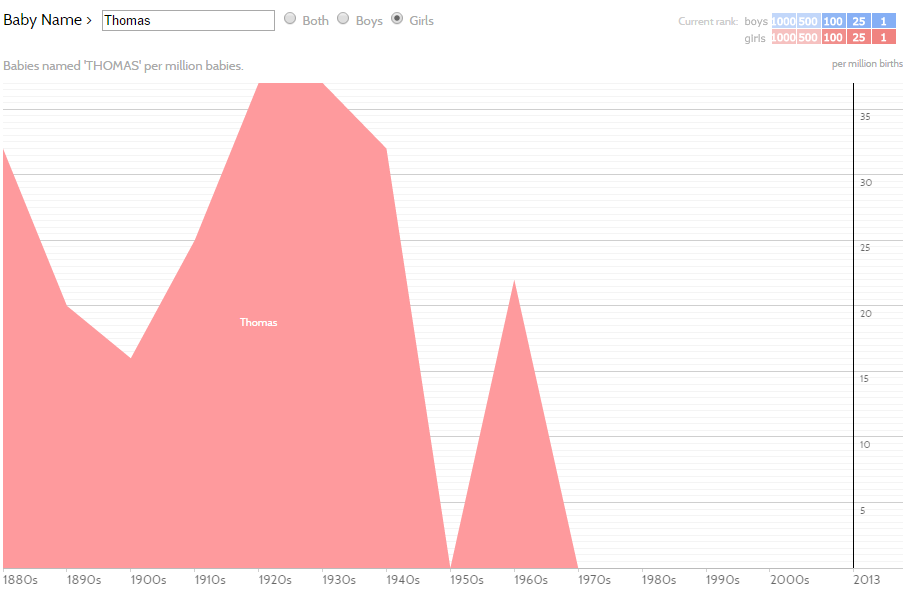
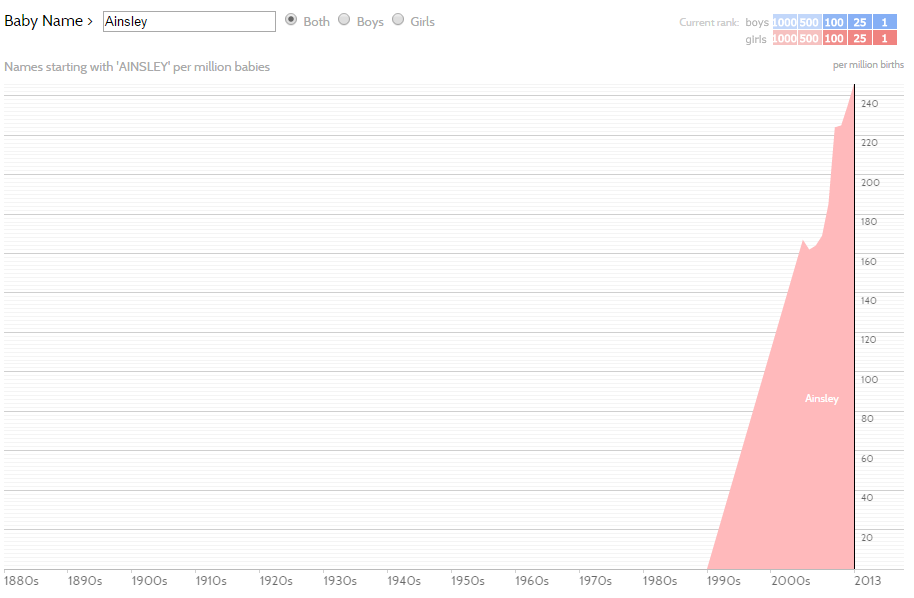
 

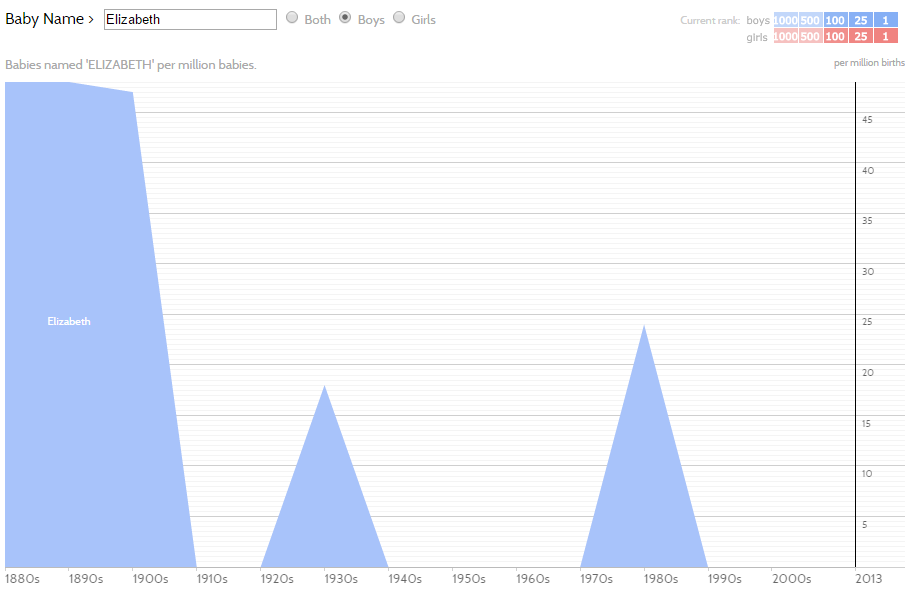
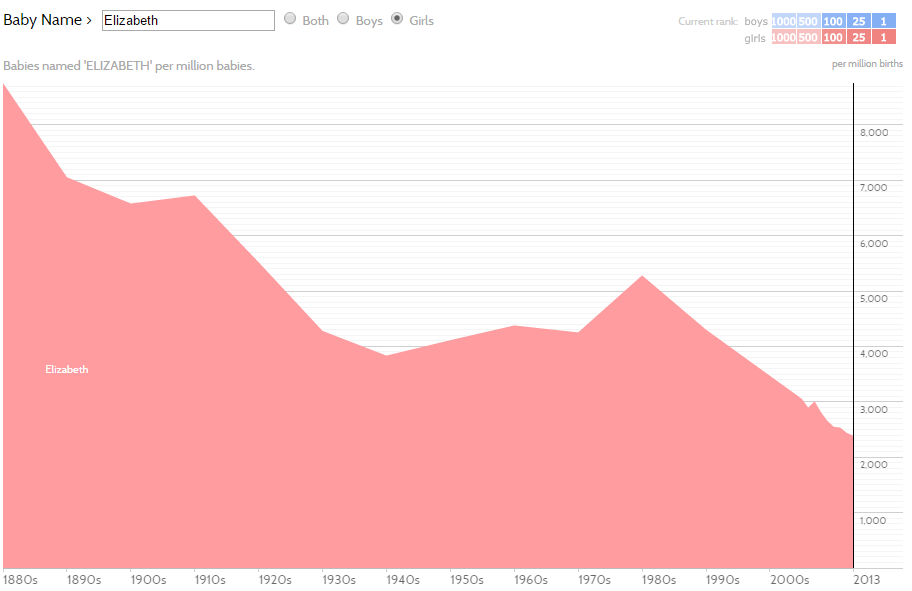
 

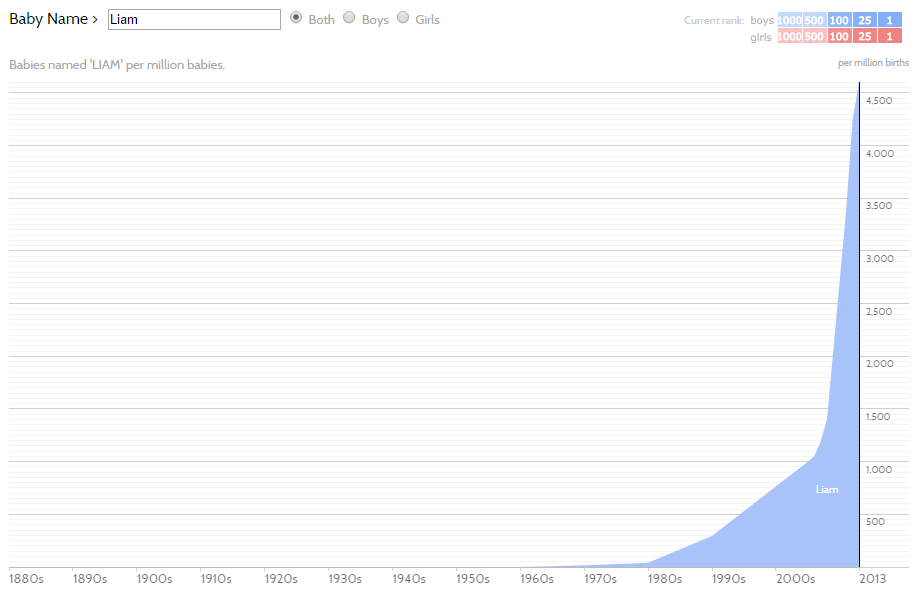
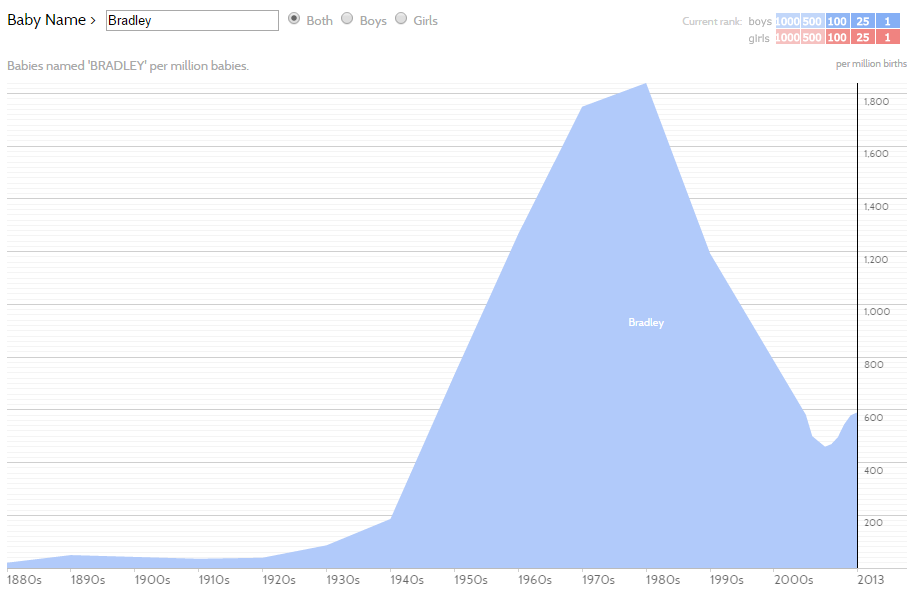
 



**Task Two:** Compare and contrast the trends, feature and patterns you can see in the time series data for at least two different names.

**Task Three**: Categorise the different graphs into the different ‘types’ you notice. Clearly define your categories.

**Task Four:** Make a prediction about the popularity of the two names in 25 years’ time. Justify your answer.