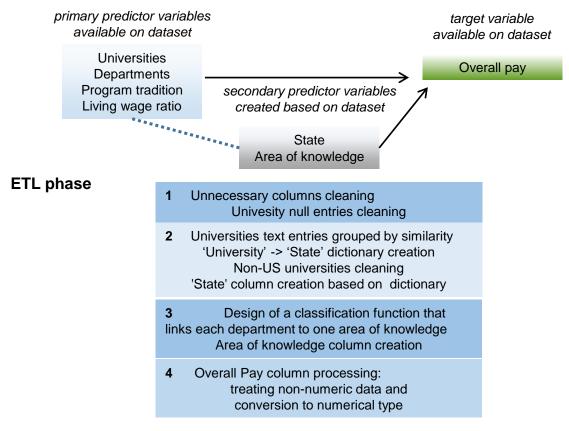
PhD stipends

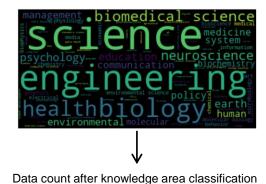
This project aims to analyze the data on doctoral scholarships available at Kaggle and build a model to predict remuneration. A future student could use this predictor to estimate the approximate salary in the chosen university and area of knowledge. This source presents data from 2012 to 2020.



Exploratory data analysis phase results

Departements Wordcloud Before text cleaning

After text cleaning: Phd, School, Program, and other unnecessary words were removed



Next steps:

- Filter Data by year
- Present the Overall Pay depending on the state for each year [2012:2020]
- Compare the Overall Pay with living cost ratio
- Analyze the correlation matrix to see if the predictor variables are not collinear
- Begin to train and test models (KNN, decision tree, random forest, and others)
- Best model selection and predictor deployment on the internet

3000

