Graduate Project Discussion

CV classification using NLP

**Workflow draft for resume Parser:**

Data extraction

Parsing resumes, extracting text from pdf’s docs etc.

Data preprocessing and feature engineering

Testing and deploying the NLP model

Train NLP model to classify CV’s

Raw data collection

Web crawling scientific websites university websites for CV’s, resumes

Building dataset for training NLP model for resume parsing

**Workflow draft for classification model:**

Data collection:

Web crawling from datasites like research gate, LinkedIn. university websites etc.

Data parsing:

Data parsing can be done using various techniques,

* NER
* POS tagging
* BERT
* Spacy etc

<https://www.pragnakalp.com/case-study/nlp-resume-parser-bert-python/>