

# Darlon Vasata

## NLP Experiences

### Experiences

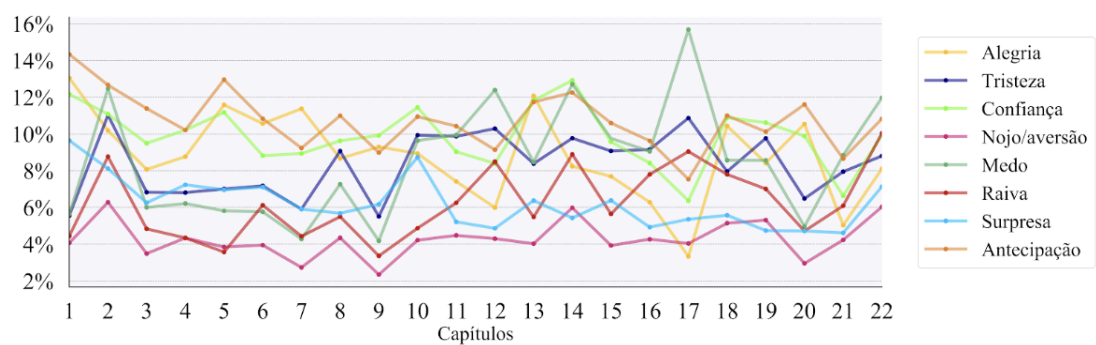
- NLP projects
- Cloud
- Visualization
- Examples

### NLP projects

- Lexicon-base sentiment analysis
- Relational abstraction of literary works
- Judicial decisions analysis

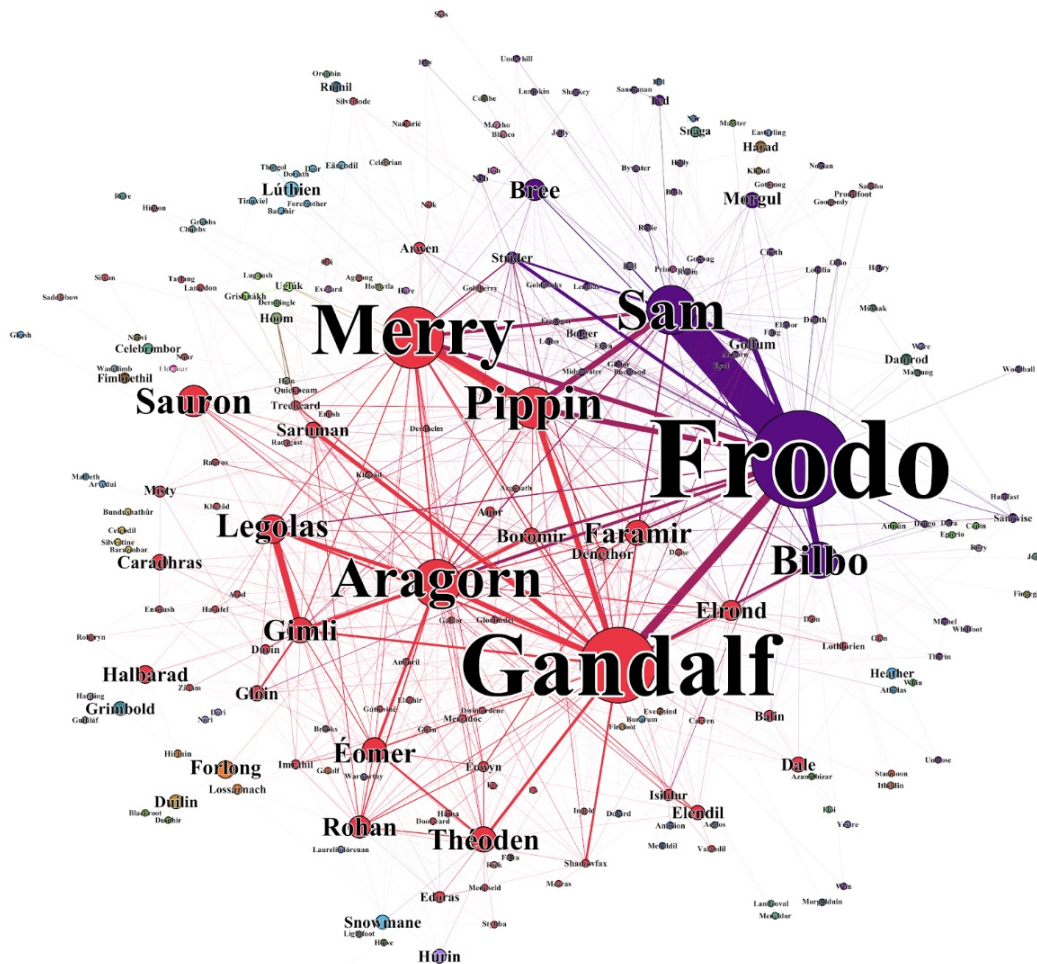
### Lexicon-base sentiment analysis

- NRC Word-Emotion Association Lexicon ([Emolex](#))
- Word-sentiment association
  - positive, negative, fear, surprise...
- 3 programmers
- Python



### Relational abstraction of literary works

- [Spacy](#)
- Detect caracteres and measure their relevance
- Show protagonists
- Noun detection
- Python
- 3 programmers

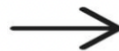


## Count sentences analysis

- Detect decisions of judges in court sentences
- Build a database and search platform
- Part of bigger project (not finished)
- Python
- 3 programmers

### Parágrafo 1

Em relação à remessa dos valores eventualmente remanescentes, verifica-se que o d. magistrado postergou a análise do pedido, entendendo pela necessidade de prévia quitação do tributo questionado nos autos, oportunidade em que será possível constatar a existência, ou não, de verba excedente.



• Verba, Remessa, Quitação, Remanescentes.

### Parágrafo 2

Por estas razões, ACORDAM os Excelentíssimos Senhores integrantes da Terceira Câmara Cível do Tribunal de Justiça do Estado do Paraná, por unanimidade de votos, em conhecer nos termos do voto da Relatora.do recurso, e, no mérito, negar-lhe provimento, O julgamento foi presidido pelo Desembargador José Sebastião Fagundes Cunha, com voto, e dele participaram Desembargadora Lidia Maejima (Relatora) e Desembargador Jorge de Oliveira Vargas.



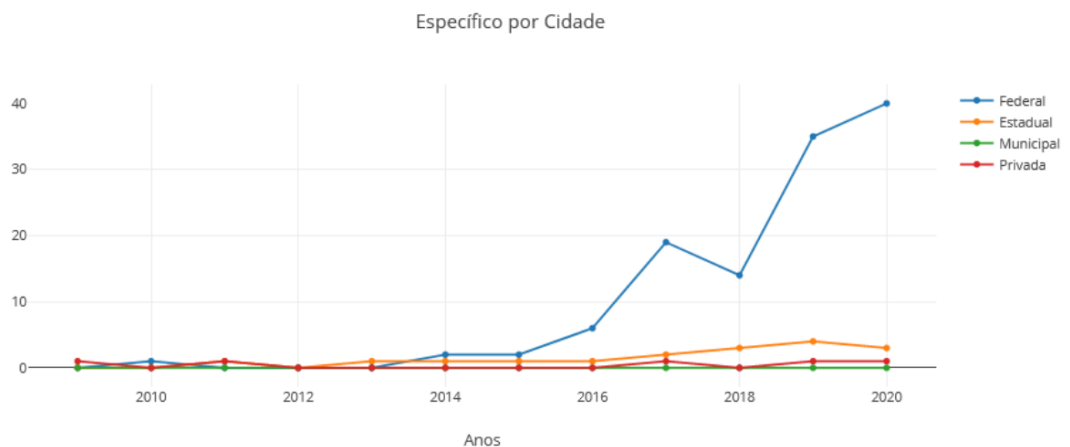
• Excelentíssimos, Câmara, Votos, Provimento, presidido.

## Cloud computing

- Linode
  - Article review for a conference
    - Web
  - Flask service
  - Python
- Azure
  - Personal projects
- USP
  - Hadoop Cluster
  - Laboratory Proxy
    - Remote access

## Visualization

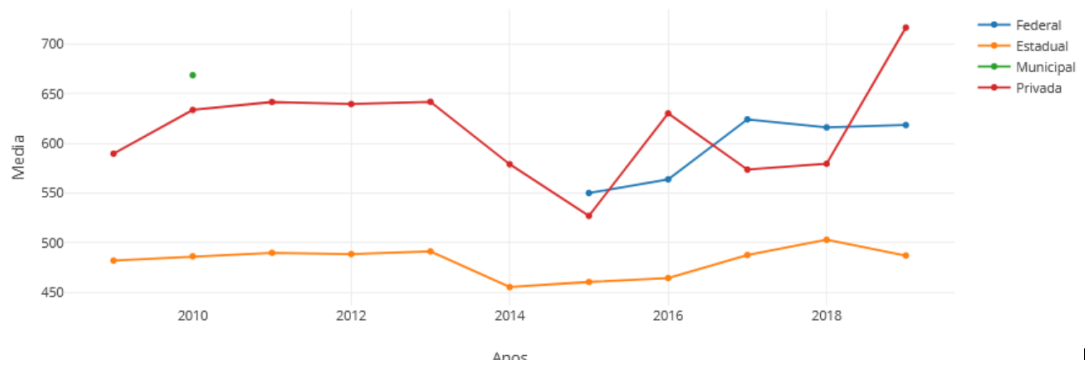
- Streamlit
  - Presentation for data analysis projects
  - Teaching
- Dash
- Teachers with Master Degree in Assis Chateaubriand



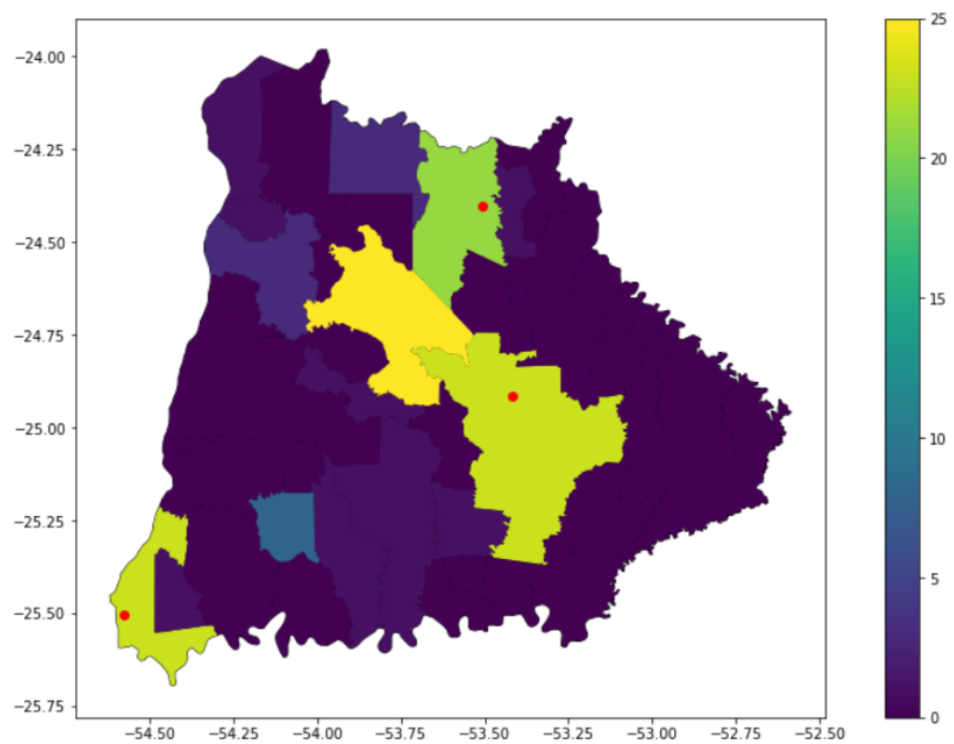
- PhD Teachers in Assis Chateaubriand



- Average Math Punctuation on Math Tests (ENEM)



- GeoPandas
  - PhD Teachers in Western Paraná



## Examples

- Bert running on Docker
- Spacy running on cloud