**TO DO WEEK 8: DOCS**

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**USER GUIDE**

**1/ Introduction**

**2/ Setup environment and use application via shell**

* **min specs**
* **recommended specs**
* **setup env**
* **start and use application**

**3/ Setup environment and use via API**

**4/ Examples of use**

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**TECHNICAL/DEVELOPER GUIDE**

**1/ Introduction**

**2/ Setup dev environment**

**3/ Architecture and Pipeline configuration**

**4/ The scripts**

**5/ Train, test and validate a model**

* **Pipeline and configuration**
* **Generate and/or prepare (preprocess) data for train and test**
* **Training configuration (single CPU, multiple, etc)**
* **Train model**
* **Test model and measure metrics**

**6/ API**

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**Report**

**1/ Introduction**

**2/ Context and Goals**

**3/ Natural Language Processing: A brief presentation**

**4/ Our solution**

**4.1/ Choosing an Open source Base**

**4.2/ Defining Clear Targets**

**4.3/ Data: A struggle**

**4.3.1 Raw data from existing solution**

**4.3.2 Data Generation**

**4.3.3 Data preprocessing**

**4.4/ Training loop/iterations (build-train-measure)**

**4.5/ Performance evaluation**

**4.6/ API Integration**

**5/ Project Management**

**5.1/ Methodology**

**5.2/ Tools**

**5.3/ Team Organisation**

**5.4/ Risk Management**

**5.5/ Bilan**

**6/ Main Challenges**

**7/ Takeaways from experience**

**8/ Conclusion**