| Task | Description | Months | | | | | | | | | |
|------|---|--------|-----|-----|-----|-----|-----|-----|-----|------|-----|
| | | Nov | Dec | Jan | Fev | Mar | Apr | May | Jun | July | Aug |
| 1 | Review relevant literature, study and write the state-of-the-art, analyze available data and tools, write pre-thesis. | | | | | | | | | | |
| 2 | Evaluate different existing algorithms and tools for data preprocessing and ML/DL approaches for classifying DNA sequences. | | | | | | | | | | |
| 3 | Developing ML/DL based tools for DNA sequence classification, integrating them into ProPythia. | | | | | | | | | | |
| 4 | Developing AutoML classifiers for DNA sequences and integrating them into OmniumAl software platforms. | | | | | | | | | | |
| 5 | Validation and test of the tools and platform with selected case studies. | | | | | | | | | | |
| 6 | Write thesis | | | | | | | | | | |