

### Overview

Sharing, connecting, analysing and understanding data on the Web can provide better services to citizens, communities and the industry. One way to achieve this is through data-driven question answering, by delivering precise and comprehensive answers to natural language questions, primarily by making better use of the knowledge encoded in the Web of Data. The aim of the WDAqua project is to advance the state of the art in this field by interleaving training, research and innovation.

### Goals

Provides a training programme for young data scientists

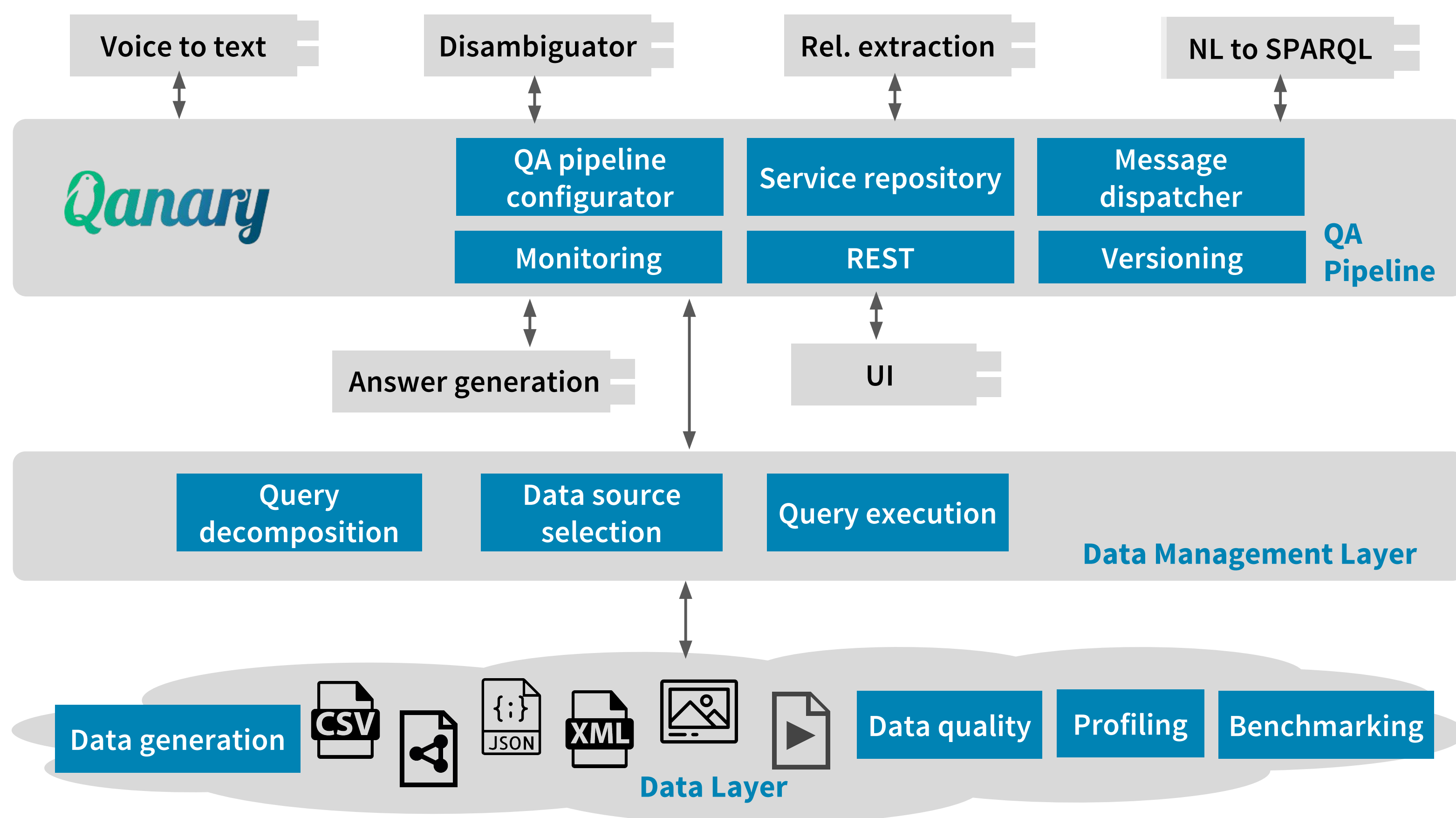
Addresses challenges related to the whole Question Answering pipeline

Develops an open source framework and ecosystem for Question Answering components

### How to interact

- Hold lectures and tutorial in our training events
- Integrate Question Answering components and datasets to the WDAqua architecture
- Contribute Question Answering use cases

### Architecture



### Topics

#### AI and NLP approaches for QA

Spoken question recognition and interpretation  
AI techniques for NLP  
Knowledge-driven techniques for NLP

#### Human-data interaction

Interactive interlingual QA  
UIs for QA systems

#### Dataset discovery

Collaborative knowledge bases  
Trust and provenance of Linked Data  
Quality driven dataset discovery and retrieval

#### QA Architecture

#### Data management

Integration and cleaning of Linked Data for QA  
Query processing techniques for the Web of Data  
Quality driven dataset discovery and retrieval

### Contact

@WDAqua

www wdaqua.eu

github.com/WDAqua

#### Consortium



National and Kapodistrian  
UNIVERSITY OF ATHENS



#### Industrial Partners



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 642795