**Proposal**

1. Agile
2. IJGIS
3. Localrec@Sigspatial [Submitted]
4. Source Selection [Progress]
5. Open Data Index [Progress]

**Title** & **Abstract** …..

**Motivations and Description**

Investigating the role of embedding in searching for data in schemaless tables to improve ML/DS

Works on embeddings

* Papotti etc

Open Data [Pesca da Keynote Renèe VLDB]

Discussion on previous works and *relevance*

**Reference Area and Relevance of Goals …**

**State of the Art**

Embedding usage

* Euclidean, Hyperbolic, Geographical

Open Data (Source Selection View)

* Open Data Operations
  + Join [LSH, LSH Ensemble, JOSIE ..]
  + Union
  + Search
* Augmentation
  + ARDA

**Goals and Preliminaries**

*Embeddings are relevant in i) searching tasks and ii) query answering*

\*Augmenting Open Data

* Searching in schemaless tables
* Open Data Indexing through a kind of Inverted Index
  + Why is it relevant the amount of information?
  + IT metrics discussion
* Why it is relevant and mark the lack of these indexes in literature

\*KBs Augmentation via Embeddings

* Augmenting KBs via embeddings
* Embedding algo for KBs augmentation

\*Stesso livello di dettaglio, < di Preliminaries

Focus on Preliminary results

**Work Plan**