**Agricultural Related Query Clarifier System**

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**Batch: Batch 2**

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**Problem Statement**

* Traditionally Field officers visit the farmlands and provide training, advice, and support to the farmers
* Many of the rural villages misses this facility
* Wastage of time and money spent on obtaining information or contacting officials
* Nowadays many young generation people are come forward in Agricultural field
* By this they are struggled to clarify their any basic doubts about farming. Lots of people are calling Kissan Call Centre (Owned by Government) to clarify their basic doubts

**Architecture Diagram:**

**Data Set**

Answer for Given Query

Question Routing

Data Base

**Embedding optimization**

Entity Extractor

**Module Three: Training module**

Word2Vec Model

Sentence Emending

Pre Processed Data Set.

Spell Check

Spell Check

Spell Check

**Module Two: Text Clustering**

Pre Processed Query Text

Word Stemming

Spell Check

**Module One: Data Cleaning**

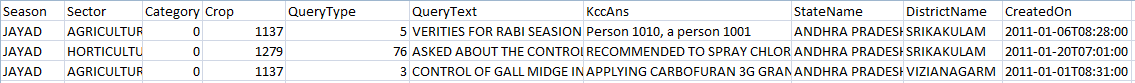
Language Translations

Stop Word Removal

**Details of Data Set:**

|  |  |
| --- | --- |
| Size | 200 MB |
| No of Records | 20 lakh |
| Source | Kissan Call Center(Government Owned) |
| Features in Dataset | Season, Sector, Crop, Query Type, Query Text, Kcc Answer, State name, District name, Created on |

Sample Data:

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Database Design:

**Module Wise Details**

1) Data Cleaning:

2) Text Clustring:

3) Training Model:

**Details of User Interface:**

**Evaluation Metrics**

**Reference:**