DATA PROCESSING

Schema
Matching and
Generating NL
queries from
CSV data

QUERIES GENERATION

T5-Pretrained model is used for SQL query generation

QUERY GENERATION

Use Finetuned model for response generation

Proposed NL2SQL model

CLEANING DATA

Cleaning dataset and adding synthetic data to increase number of samples

FINE TUNNING GPT3

Used Data to fine tuned the GPT-3 on 950 Sample

DATA ANALYSIS

350 examples related to custom csv file and 700 complex queries from WikiSQL

Upon each question asked, example will be added to Dataset