# How To Run, assumptions and outputs

#### How to run

- 1. Please install the following python dependencies via pip:
  - a. pandas==1.1.4
  - b. tabulate==0.8.9
  - c. dnspython==2.1.0
  - d. pymongo==3.12.0
- 2. Please place the 'raw\_data.csv' and 'run.py' in the same folder.
- 3. Run the python code using the following command: 'python run.py'
- 4. You can chk the databse directly by logging into mongodb cloud database.

```
link - <a href="https://www.mongodb.com/cloud/atlas">https://www.mongodb.com/cloud/atlas</a>
```

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Password - Photo@2021

#### **Assumptions**

- 1. Since mongo is used here, we need to declare a primary key for all the tables. Here 'customer\_id' is used as a primary key. The primary key in mongo is named as '\_id'. So '\_id' in the tables means 'customer\_id'
- 2. Table schemas:

```
customer_id

"_id": "C006",
    "country": "India",
    "customer_name": "Jennifer",
    "dob": 19980429,
    "dr_name": "Sandra",
    "is_active": "Y",
    "last_consulted_date": 20209202,
    "open_date": 20199202,
    "state": "Maharashtra",
    "vaccination_id": "V006"
}
```

#### Output

Please login to Mongodb cloud databse to see the outputs.

link - https://www.mongodb.com/cloud/atlas

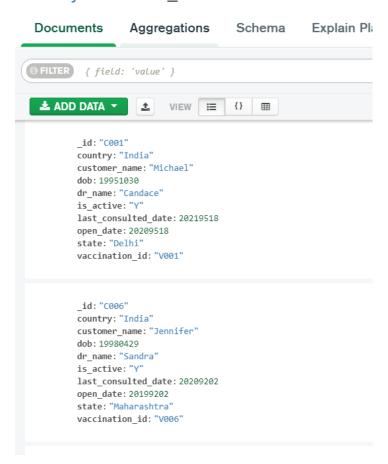
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In my raw data there are 5 countries: 'India', 'Canada', 'Uganda', 'Spain', 'Poland'. So 5 tables have been created.

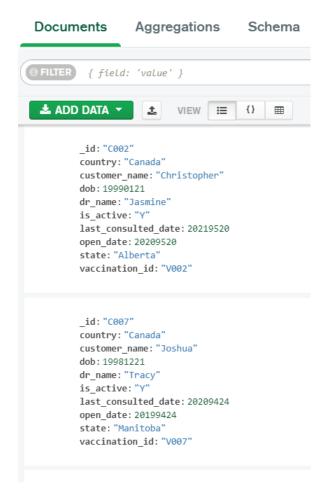
#### 1. India

### incubyteDb.table\_India



#### 2. Canada

## incubyteDb.table\_Canada



Similarly, rest of the countries have their separate table.