**Exercise 1**

1. Import foodsales\_sample.xlsx file to models through django import export.

2. Create a GET search api to search product by product name

3. Create POST search api to search product by product name and default response limit by 5 per page.

Your response like below:

{

"status": "success",

"results": [

{

"OrderDate": "01/01/2020",

"Region": "East",

"City": "Boston",

"Category": "Bars",

"Product": "Carrot",

"Quantity": "33",

"UnitPrice": "1.77",

},

{

"OrderDate": "01/04/2020",

"Region": "East",

"City": "Boston",

"Category": "Crackers",

"Product": "Whole Wheat",

"Quantity": "87",

"UnitPrice": "3.49",

},

{

"OrderDate": "01/07/2020",

"Region": "West",

"City": "Los Angeles",

"Category": "Cookies",

"Product": "Chocolate Chip",

"Quantity": "58",

"UnitPrice": "1.87",

},

{

"OrderDate": "01/10/2020",

"Region": "East",

"City": "New York",

"Category": "Cookies",

"Product": "Chocolate Chip",

"Quantity": "82",

"UnitPrice": "1.87",

},

{

"OrderDate": "01/13/2020",

"Region": "East",

"City": "Boston",

"Category": "Cookies",

"Product": "Arrowroot",

"Quantity": "38",

"UnitPrice": "2.18",

},

],

}

**Submission Guidelines:**

1. You are free to use Python, django rest framework library to build your solution.
2. We will run your code in our system for evaluation. So please make sure that the pip “requirements.txt” file is present in your code submission. We will be using virtualenv to install the requirements mentioned in your “requirements.txt” file.
3. We are going to run your code on a Python 3.8 interpreter. Your entry may be disqualified if we are unable to execute your code, i.e., on a Python 3.8 interpreter in a virtualenv
4. You are encouraged to add README.MD file to describe how to access api's (in localhost)
5. You need to make your submission via Github repository (or any other Git repository of your
6. choice). Any other form (emailing, file sharing, etc) of code submission will be ignored.
7. Also note that we are only going to pull the “master” branch of the shared code repository. Other branches will be ignored. Thus we expect you to keep your “master” branch up-to-date.
8. Create your own dummy excel file.
9. To make a submission, share your GitHub public repository link through email to [**srikanthreddy.vatte@avtrixs.com**](mailto:tejaswi.jitta@avtrixs.com) and cc to the recruiter.

Happy Coding!