PROJECT ON:
AMCAT DATA ANALYSIS

About me:

Mehuli Saha

❖ **Background :** B-tech
❖ **Why you want to learn Data Science?**
There is a great need for data scientists in the market, which opens up excellent career options. Data science is at the center of innovation. It enables businesses to gain new insights, create new products, and optimize their present operations. Data science has the potential to have a major influence. Analyzing data can open opportunities for new career growth with rapid development also making better decisions.
❖ **Any work experience:** N/A
❖ **Share your linkedin and github profile urls:**
https://github.com/mewkli
https://www.linkedin.com/in/mehulisaha7

Objective of the Project:

To ensure the proper extracting of the code and fixing the bugs during the debugging process.

Web page code provided:

Enter a note   Add Note

```
{% for note in notes%}
• {{ note }}
{% endfor %}
```

Code given by the instructor:

```python
from flask import Flask, render_template, request

app = Flask(__name__)
```

```python
notes = []
@app.route('/', methods=["POST"])
def index():
    note = request.args.get("note")
    notes.append(note)
    return render_template("home.html", notes=notes)
```

```python
if __name__ == '__main__':
    app.run(debug=True)
```

Bugs Determined:

❖ Method name in route that is given only Post , instead should include Get too.

❖ Request method is incorrect

❖ Instead of using args, it should be form

❖ Missing Submit attribute in HTML file

Code after fixing bugs:

```python
from flask import Flask, render_template, request
```

```python
app = Flask(__name__)
```

```python
notes = []
@app.route("/",methods = ['GET','POST'])
def index():
    if request.method == 'POST':
        note = request.form.get("note")
        notes.append(note)
    return render_template("home.html", notes=notes)
@app.route('/clear')
def clear():
    notes.clear()
    return render_template('home.html',notes = notes)
```

```python
if __name__ == '__main__':
    app.run(debug=True)
```

Final output:

Entering notes

Enter a note | Add Note

Clear Notes

Data Science pathways with innomatics