Training Day 7 Daily Dairy
june-12

Tasks Completed:

Introduction to Django Models:

- **Understanding Models:**
  - Explored the concept of models in Django, which represent the data structure for database tables.
  - Learned how Django models are tied to the database via migrations, enabling Django to interact with various databases (SQLite, MySQL, PostgreSQL).
- **Defining a Simple Model:**
  - Created a model named `Product` to represent an e-commerce product. This model includes fields like `name`, `price`, and `description`.

Example model:
python
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```python
from django.db import models

class Product(models.Model):
    name = models.CharField(max_length=255)
```

```python
    price =
models.DecimalField(max_digits=10,
decimal_places=2)
    description = models.TextField()

    def __str__(self):
        return self.name
```

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Performing Migrations:

- **Making Migrations:**

After defining the model, ran `makemigrations` to generate a migration file that describes the changes in the model.
bash
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```bash
python manage.py makemigrations
```

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- **Applying Migrations:**
  - ○ Applied the migration to update the database schema with the newly defined model using `migrate`.
    bash
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    ```bash
    python manage.py migrate
    ```