Creating announcement model

1. from django.db import models
2. class Announcement(models.Model):
3. title = models.CharField(max\_length=200)
4. content = models.TextField()
5. date\_posted = models.DateTimeField(auto\_now\_add=True)
6. def \_\_str\_\_(self):
7. return self.title
8. we import models module for built in tools
9. By default:

**Class Name:** Announcement

**Table Name:** appname\_announcement and each row is an object

You are basically telling Django:

"Hey Django, I wanna make a **table** called announcement in the database. And this table will follow your rules (from models.Model)."

* models.Model ➔ The **parent class** that gives your class superpowers to behave like a table.
* Without models.Model, your class is just a plain Python class 😴.
* With it? It becomes a **Django model** = ready to create tables, save data, query data. 💪
* A table with 3 fields – title , content,data\_posted

1. A text field with a limit of **200 characters**.
2. A big text field — no length limit. You can dump paragraphs here.
3. This records the **date and time** automatically when a new announcement is created.
4. This method tells Django how to show this object as a string.
5. So when you print an Announcement object, you’ll see its **title** instead of some boring "Announcement object (1)"