

Parameterisation(Data Driven Testing)

Data Driven Testing dediğimiz şey kısaca aynı test senaryosunu farklı veri inputlarıyla tekrar tekrar çalışma işlemidir.

Normal test:

```
Login test:  
username = eren  
password = 1234
```

DDT:

```
Login test:  
username = eren    password = 1234  
username = ali     password = 5678  
username = ayşe   password = 0000
```

📁 Test Verileri Nereden Gelir?

- CSV dosyası
- Excel
- JSON
- XML
- Database
- Postman Collection Runner (Data file ile)

Data Driven vs Hardcoded

Hardcoded:

```
pm.expect(jsonData.username).to.eql("eren");
```

Data Driven:

```
pm.expect(jsonData.username).to.eql(pm.iterationData.get("username"));
```

Bu veriler test kodları çalıştırılırken postman'e girilir:

The screenshot shows the Postman Runner interface. On the left, the sidebar lists collections, APIs, environments, mock servers, monitors, flows, and history. The main area displays the 'BooksAPI-DataDriven' collection. Under the 'RUN ORDER' section, three requests are selected: 'POST SubmitOrder', 'GET Get single Order', and 'DEL Delete order'. To the right, the 'Run Settings' panel is open, showing the following configuration:

- Iterations: 1
- Delay: 0 ms
- Advanced settings:
 - Save responses (checkbox)
 - Keep variable values (checkbox) - this is checked
 - Run collection without using stored cookies (checkbox)
 - Save cookies after collection run (checkbox) - this is checked

A large orange button at the bottom right of the settings panel is labeled 'Run BooksAPI-DataDriven'.