

### **For load Balancing**

We can use ansible which is a Python-based tool for automating application deployment and infrastructure setups

Ansible can be installed via pip and just needs an inventory file to begin being useful.

### **For Sharding**

Sharding is a way of horizontally partitioning your data by storing different rows of the same table in multiple tables across multiple databases.

This helps to increase the number of connections to a given resource as well as improves read performance of your application.

We can use django sharding library which is a library and part-framework for sharding Django applications.

Its uri for download is <https://github.com/GBKahn/django-sharding>