(e)Commerce Website

[This problem may have been done in the class. Whatever the instructor taught you supersedes the following]

Design an eCommerce website

This question is no different from designing a general website that can handle scale. There is nothing fancy about eCommerce.

Most important thing to clarify with the interviewer here, is which direction they are expecting:

- Do they expect an object modeling design?

- Do they expect you to do architectural scaling e.g. discussing how you'll maintain availability?

If it is the latter, then it's a very standard answer like that of designing a cache i.e. sharding and the discussions should focus on availability with eventual consistency.

If it's object modeling, then your answer should focus on modeling entities like Products, Buyers, Sellers, etc.

Reading pointers:

No good ones. Not required either. It's just old wine in a new bottle.