- In MongoDB, transactions are only valid if MongoDB is configured as
  - Replica Set / Sharded Cluster (Hosted on Atlas)
    And unsupported when configured as
  - Standalone deployment. (need to convert instance to Replica set using this DOC)
- Every Atlas cluster is either Replica set or sharded cluster by default
- There is a package named 'fawn' which provides this functionality.
- Transactions are generally known by <u>Two Phase Commit</u>
- \$addToSet vs \$push

**\$push** - adds items in the order in which they were received. Also you can add the same items several times.

**\$addToSet** - adds just unique items, but order of items is not guaranteed.

If you need to add unique items in order, you can group and add elements via \$addToSet, then \$unwind the array with elements, \$sort by items, and then do \$group again with \$push items.

• For deeper understanding of Transactions in mongodb follow this playlist of 4videos.