The term graph in graphQL represents that the real world data can be best represented in graph like structure. If you think about most of the data it can always be a representation of graph of objects with many relations between them.

GraphQl does not mean that it can only be used with graph databases it can be used with document databases i.e mongoDb and relation databases and can be used to represent data from the api’s in graph like objects.

The QL stands for the query language that is used mostly on the front end to fetch the data. GraphQl needs to be implemented on the backend also to make the front end able to use the new query language.

The graphQl schema indicates that what data is exposed by the server through GraphQl through the API’s

When you need to read data you use queries an when you need to modify data you use mutations

It also supports third type of operation called subscriptions that are used to monitor real time data

The last nested level of all the fields should be scalar values