GraphQL is a query language for API developed by Meta

It provides a schema (structure needed for get data in the specific format) of the data in the API

It gives client a power to ask for exactly what they need, it solve the

Problem of under fetching and over fetching of data which comes with REST architecture

It sits between client and backend services

Create multiple requests into single query

It uses Resolvers to fetch data like get method is used in rest api.

It Supports Mutations and Subscriptions

Mutations are graphql way of applying data modifications i.e... Creating new data into database, updating, deleting it.

Subscriptions are graphql way for clients to receive notifications

In practical both graphql and rest send and receive http request and http responses

Rest architecture centres on resources, each resource identified by a URL,

GraphQL architecture centres on resources required by clients, with graphql we only send the data which is needed by client. It uses graphql schema to define the required data from backend









