**How Google Assistance Action works?**

First let us see what is **Google Assistant**.

Google Assistant is the virtual assistance developed by Google. It interact with us and help us in doing many tasks like booking tickets, search for us, manage calendar and events etc…

It relies on Artificial Intelligence technologies such as Natural language processing and machine learning to process users input and to provide the expected result .Using NLP, users input i.e text or speech is processed and matches the words and provide the result.

For example, If our input is ‘open Gmail account‘ , it will open your Gmail app in your phone. This is done using “deep link”.

Now we go into **Google Assistant Action**.

Actions extends the functionality of Google assistant. This provides developer for developing their own conversation for users on the assistant.

The user input is referred as Actions. For each actions, there is a response. Assistant has predefined set of responses. First Speech is transformed to text using NLP.

The actions are processed and match the actions to a correct response. It uses json for request and response.