

Cloud Functions Code

```
const assert = require('assert');

const DiscoveryV1 = require('watson-developer-cloud/discovery/v1');

function main(params) {

  return new Promise(function (resolve, reject) {

    let discovery;

    if (params.iam_apikey){

      discovery = new DiscoveryV1({

        'iam_apikey': params.iam_apikey,

        'url': params.url,

        'version': '2019-03-25'

      });

    }

    else {

      discovery = new DiscoveryV1({

        'username': params.username,

        'password': params.password,

        'url': params.url,

        'version': '2019-03-25'

      });

    }

    discovery.query({

      'environment_id': params.environment_id,

      'collection_id': params.collection_id,
```

```
'natural_language_query': params.input,  
'passages': true,  
'count': 3,  
'passages_count': 3  
, function(err, data) {  
  if (err) {  
    return reject(err);  
  }  
  return resolve(data);  
});  
});  
}
```