**Testing and Prototyping for REST API Data Ingestion with JSONPlaceholder**

[JSONPlaceholder](https://jsonplaceholder.typicode.com/) is a web service that offers REST API endpoints for example JSON data. If you needs to experiment with REST API quickly, this is a really great tool that you can use. It supports all the HTTP verbs. As for testing and prototyping REST API data ingestion, you can get 6 different JSON data that you can play with.

I created a Python function where you can obtain all the data by changing the resource name. The function uses the [request](http://docs.python-requests.org/en/master/) module. Using json() on the response object can converts it into a Python dictionary. In a nutshell, the function returns a dictionary object from the GET request.

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def json\_ph\_api(resource):

'''Get example json data from jsonplaceholder.typicode.com.

Returns Python dictionary object'''

json\_data = None

endpoint = 'https://jsonplaceholder.typicode.com/{}'.format(resource)

print('Target endpoint is {}'.format(endpoint))

r = requests.get(endpoint)

if r.status\_code == 200:

print('API Call Successful')

# data returned with r.json() is a dictionary object

json\_data = r.json()

else:

print('API call failed with status code: {}'.format(r.status\_code))

return json\_data

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Once you get the data, you can transform and load it into databases to create your own data ingestion code.

Pretty cool.