Geocoding API

Convert addresses or Place IDs to latitude/longitude coordinates and vice-versa.

The Geocoding API is a service that provides geocoding and reverse geocoding of addresses. Geocoding is the process of converting addresses (like a street address) into geographic coordinates (like latitude and longitude), which you can use to place markers on a map, or position the map. **Reverse geocoding is the process of converting geographic coordinates into a human-readable address**. You can also use the Geocoding API to find the address for a given place ID.

Full API Documentation:

https://developers.google.com/maps/documentation/geocoding

Geocoding API request and response (latitude/longitude lookup):

https://maps.googleapis.com/maps/api/geocode/json?latlng=**40.714224,-73.961452**&key=**YOUR_API_KEY**

You can test this by entering the URL into your web browser (be sure to replace '**YOUR_API_KEY**' with your actual API key). The response includes a human-readable address for the latitude and longitude location.

Pricing for the Geocoding API: Under the pay-as-you-go pricing model, requests for the Geocoding API are billed using the SKU for Geocoding. Daily quotas are refreshed daily at midnight Pacific time.

MONTHLY VOLUME RANGE (Price per REQUEST)		
0–100,000	100,001–500,000	500,000+
0.005 USD per each (5.00 USD per 1000)	0.004 USD per each (4.00 USD per 1000)	Contact Sales for volume pricing

Here is a demo project using this API:
https://github.com/mehedishakeel/Reverse-Google-Location

Project Description: This project is created using php & JavaScript to call the API through web browser. We have to add own Google Geocoding API key in PHP file. As an input we have to enter the **Latitude** and **Longitude** and in return we will get the **Human Readable Address**.