

GROUP NO-15

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➤ **Problem Statement:**

Extracting Location Data and Reviews Using Google Places API.

➤ **Problem Description:**

Whenever we want to go out somewhere, it becomes so confusing to decide a particular place whether it is Restaurant, Cafe, Hospital, College, School, Hotel etc Or sometimes we want to search nearby services like ATM, Pharmacy, Petrolpump, Supermarket,etc. So to solve this problem we are using **Google places API** to extract the nearby place location along with their details and reviews. From the list of nearby places and by reading the reviews of those places one can easily make decisions according to their choice.

➤ **Input:**

Key : Google places API KEY.

Place co-ordinates : These can be our present location co-ordinates or we can give co-ordinates as per our choice.

Radius : This depends on how much area we want to search for a particular type of place.

Fields : One or more [fields](#), specifying the types of place data to return, separated by a comma.

There are 3 categories for the fields parameter.

Basic: address_component, adr_address, alt_id, formatted_address, geometry, icon, id, name, permanently_closed, photo, place_id, plus_code, scope, type, url, utc_offset, vicinity

Contact: formatted_phone_number, international_phone_number, opening_hours, website

Atmosphere: price_level, rating, review

➤ **Output:**

Nearby Place details containing: Name, Website, Address, Phone number and most importantly reviews.

Sample output:

Name: Hotel Arma Court

Website: <http://hotelarma.com/hotel-arma-court/index.html>

Address: 1st Floor, Building No.2, A-Wing, Near Bandra Court, Off W.E. Highway, Anant Kanekar Marg, D Block BKC, Bairam Naupada, Bandra East, Mumbai, Maharashtra 400051, India
Phone Number +91 90046 80810

REVIEWS:

Author Name: Rahul Dhanawade

Rating: 5

Text: The food of Arma Court may appear to be very simple and non stylish but the flavours do all the magic.

We ordered paneer chatpata, veg kolhapuri and dal tadka with steam rice. There was remarkable depth of flavours in each of the dish. Breads were just wow. Added so much butter on them which kept them soft for long time.

Highly recommended for veg lovers.

It was a great experience to taste from Arma Court.

Time: a month ago

Profile photo: https://lh3.googleusercontent.com/a-/AOh14GhFVIIgSwatnA_dLN0h78Qb5Ydak3R6o00vwJb8UQ=s128-c0x00000000-cc-rp-mo-ba5