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In [11]: import googlemaps
import time

# Set Google Maps API Key
API_KEY = 'AIzaSyCzpVil_ICd0VZnNmUwg2vEM73AkAtN8MQ'

# Initialize the Google Maps client
gmaps = googlemaps.Client(key=API_KEY)

# Coordinates for Minneapolis-St. Paul metro area
location = (44.9778, -93.2650) # Approximate central location for Minneapolis-St. Paul metro area

# Define the search radius in meters (you can adjust this as needed)
radius = 50000 # 50 km

# Function to count barbershops
def count_barbershops(location, radius):
    barbershops_count = 0
    next_page_token = None

    while True:
        if next_page_token:
            places_result = gmaps.places_nearby(
                location=location,
                radius=radius,
                keyword='barbershop',
                page_token=next_page_token
            )
        else:
            places_result = gmaps.places_nearby(
                location=location,
                radius=radius,
                keyword='barbershop'
            )

        barbershops_count += len(places_result['results'])

        next_page_token = places_result.get('next_page_token')
        if not next_page_token:
            break

        time.sleep(2) # Pause to respect API rate limits

    return barbershops_count

# Count the barbershops
barbershops_count = count_barbershops(location, radius)
print(f'Total number of barbershops in the Minneapolis-St. Paul metro area: {barbershops_count}')
```

Total number of barbershops in the Minneapolis-St. Paul metro area: 60

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In [14]: # Function to get barbershops
def get_barbershops(location, radius):
    barbershops = []
    next_page_token = None
```

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while True:
    if next_page_token:
        places_result = gmaps.places_nearby(
            location=location,
            radius=radius,
            keyword='barbershop',
            page_token=next_page_token
        )
    else:
        places_result = gmaps.places_nearby(
            location=location,
            radius=radius,
            keyword='barbershop'
        )

    barbershops.extend(places_result['results'])

    next_page_token = places_result.get('next_page_token')
    if not next_page_token:
        break

    time.sleep(2) # Pause to respect API rate limits

return barbershops

# Get the list of barbershops
barbershops = get_barbershops(location, radius)

# Print the details of each barbershop
for shop in barbershops:
    name = shop.get('name')
    address = shop.get('vicinity')
    print(f'Name: {name}, Address: {address}')
```

Name: Jesse's Barber Shop, Address: 14 Shady Oak Rd, Hopkins
Name: Cedarvale Barber Shop, Address: 1977 Silver Bell Rd Suite 800, Eagan
Name: Hero's barbershop llc, Address: 10012 County Rd 81, Maple Grove
Name: Bob's Barber Shop Waconia, Address: 124 W Main St, Waconia
Name: Handle Bars Barber Shop, Address: 318 W Broadway St January 2024, Monticello
Name: The Patron Barber, Address: 806 E 7th St #100, St Paul
Name: Hairlounge Barbershop, Address: 1203 Washington Ave S, Minneapolis
Name: Saints Coast Barber Shop, Address: 666 7th St W, St Paul
Name: Quality Cuts Barbershop, Address: 1332 S Robert St #2, St Paul
Name: Stilo Cuts Barber Shop-Uptown, Address: 2655 Hennepin Ave S, Minneapolis
Name: The Barber Sharp, Address: 349 13th Ave NE, Minneapolis
Name: Cutting Edge Barbershop LLC, Address: 93 85th Ave NW, Coon Rapids
Name: Upper Cutz Barbershop LLC, Address: 3926 Cedar Grove Pkwy, St Paul
Name: Marvin's Barbershop & Beauty salon Minneapolis, Address: 2415 Central Ave NE, Minneapolis
Name: Elegant Style Barbershop, Address: 7876 University Ave NE, Fridley
Name: Marty's Barber Shop, Address: 212 N 3rd Ave #106, Minneapolis
Name: Stilo Cuts Barber Shop-North Loop, Address: 224 N Washington Ave Suite 130A, Minneapolis
Name: Jefferson Street Barbershop, Address: 11704 Jefferson St NE, Blaine
Name: Craig's Como Barber Shop, Address: 1508 Como Ave SE, Minneapolis
Name: Faded Barbershop Uptown, Address: 2649 Lyndale Ave S, Minneapolis
Name: Neighborhood Barbershop, Address: 938 Payne Ave, St Paul
Name: Lyn-Lake Barbershop, Address: 3019 Lyndale Ave S, Minneapolis
Name: Studio AZ - Barbershop, Address: 333 N Washington Ave Suite #100, Minneapolis
Name: Clean Cuts Barber Shop, Address: 611 Marie Ave, South St Paul
Name: Zac's Barbershop, Address: 10551 University Ave NE, Blaine
Name: District One Barbershop, Address: 8320 Egan Dr, Savage
Name: SASHA's Barbershop, Address: 7989 Southtown Dr Suite 408, Bloomington
Name: LV's Barbershop-Bloomington, Address: 3701 W Old Shakopee Rd #600, Bloomington
Name: Salam Barbershop, Address: 2215 Central Ave NE, Minneapolis
Name: Nate's Barber Shop, Address: 9416 36th Ave N, New Hope
Name: Barber Mug Barber Shop, Address: 1364 7th St W, St Paul
Name: LV's Barbershop- North East, Address: 2518 Central Ave NE, Minneapolis
Name: Above All Cuts Barbershop, Address: 7899 E River Rd, Minneapolis
Name: Hazim Barber Shop, Address: 4110 Central Ave NE STE 205, Columbia Heights
Name: Floyd's 99 Barbershop - North Loop, Address: 424 N Washington Ave STE 109, Minneapolis
Name: Elizabeth's Barber Shop, Address: 168 Fairview Ave N, St Paul
Name: TR's Barber Shop, Address: 20700 Holyoke Ave, Lakeville
Name: Clean Cuts BarberShop, Address: 1728 University Ave W, St Paul
Name: Floyd's 99 Barbershop - Chanhassen, Address: 530 W 79th St #104, Chanhassen
Name: Expensive Taste Barbershop, Address: 9100 Hudson Rd #2, Woodbury
Name: Squire & Jello's Barbershop, Address: 1575 Grand Ave, St Paul
Name: Paul's Barber Shop, Address: 1250 126th Ave NE #200, Blaine
Name: A1 Cuts Barbershop, Address: 1215 Arcade St, St Paul
Name: Clippers Barbershop, Address: 1570 Century Point, Eagan
Name: The Barbershop A Hair Salon for Men, Address: 1590 S Robert St, West St Paul
Name: Trendz Barbershop, Address: 15465 Cedar Ave, Apple Valley

Name: Vertex Barbershop, Address: 8160 Collier Way, Woodbury
Name: Top Rank Barbers, Address: 4089 W Broadway, Robbinsdale
Name: Chop Shop BarberShop, Address: 1656 Co Rd E East #110, Vadnais Heights
Name: Finelines Barbershop, Address: 6819 York Ave S STE 101, Edina
Name: 210 Barber Shop, Address: 8341 210th St W, Lakeville
Name: Grandview Barber Shop, Address: 1852 Grand Ave, St Paul
Name: Floyd's 99 Barbershop – Edina, Address: 5051 France Ave S, Minneapolis
Name: Colman's Barbershop, Address: 2280 Commerce Blvd, Mound
Name: Cindy's Barber Shop, Address: 5408 Penn Ave S, Minneapolis
Name: Glenn's Barber Shop, Address: 814 W 36th St, Minneapolis
Name: Jim's Barber Shop, Address: 949 Old Hwy 8 NW, New Brighton
Name: Cottage Barber Shop, Address: 168 Lake St N, Forest Lake
Name: Joanne's Barbershop, Address: 8555 Lyndale Ave S, Bloomington
Name: Blue Collar Barbershop, Address: 6131 N 42nd Ave, Crystal

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