

```
In [1]: import requests
```

```
In [2]: def get_weather(city, api_key):
    base_url = "http://api.openweathermap.org/data/2.5/weather"
    params = {
        "q": city,
        "appid": api_key,
        "units": "metric"
    }

    try:
        response = requests.get(base_url, params=params, timeout=5)
        data = response.json()

        if response.status_code != 200:
            print(f"Error: {data.get('message', 'Unknown error')}")
            return None

        weather = {
            "City": data["name"],
            "Temperature": data["main"]["temp"],
            "Min Temp": data["main"]["temp_min"],
            "Max Temp": data["main"]["temp_max"],
            "Pressure": data["main"]["pressure"],
            "Humidity": data["main"]["humidity"],
            "Weather": data["weather"][0]["description"],
            "Wind Speed": data["wind"]["speed"]
        }

        return weather

    except Exception as e:
        print("Error fetching data:", e)
        return None
```

```
In [3]: API_KEY = "68c237e4f9ae659066eb7afa5908a5d7"
city = "Pune"

weather_info = get_weather(city, API_KEY)
if weather_info:
    print("\nWeather Report:")
    for k, v in weather_info.items():
        print(f"{k}: {v}")
```

```
Weather Report:
City: Pune
Temperature: 28.56
Min Temp: 28.56
Max Temp: 28.56
Pressure: 1006
Humidity: 73
Weather: overcast clouds
Wind Speed: 2.89
```

```
In [ ]:
```