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"execution\_count": 1,

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"outputs": [

{

"name": "stdout",

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"text": [

"Enter the city name: trivandrum\n"

]

}

],

"source": [

"import requests\n",

"\n",

"from datetime import datetime\n",

"\n",

"api\_key = '2303651e2fca72d54bb0df4d9b1b8cd4'\n",

"location = input(\"Enter the city name: \")\n",

"\n",

"complete\_api\_link = \"https://api.openweathermap.org/data/2.5/weather?q=\"+location+\"&appid=\"+api\_key\n",

"api\_link = requests.get(complete\_api\_link)\n",

"api\_data = api\_link.json()\n",

"\n",

"\n",

"temp\_city = ((api\_data['main']['temp']) - 273.15)\n",

"weather\_desc = api\_data['weather'][0]['description']\n",

"hmdt = api\_data['main']['humidity']\n",

"wind\_spd = api\_data['wind']['speed']\n",

"date\_time = datetime.now().strftime(\"%d %b %Y | %I:%M:%S %p\")"

]

},

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"%%capture cap --no-stderr\n",

"print (\"-----------------------------------------------\")\n",

"print (\"Weather Stats for - {} || {}\".format(location.upper(), date\_time))\n",

"print (\"-------------------------------------------------------------\")\n",

"\n",

"print (\"Current temperature is: {:.2f} deg C\".format(temp\_city))\n",

"print (\"Current weather desc :\",weather\_desc)\n",

"print (\"Current Humidity :\",hmdt, '%')\n",

"print (\"Current wind speed :\",wind\_spd ,'kmph') "

]

},

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"with open('results1.txt', 'w') as f:\n",

" f.write(cap.stdout)"

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