

PDS-Assignment-3

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```
[1] Requirement already satisfied: tenacity==6.2.0 in /usr/local/lib/python3.10/dist-packages (from plotly==5.0.0-->dash) (8.2.3)
Requirement already satisfied: packaging in /usr/local/lib/python3.10/dist-packages (from plotly==5.0.0-->dash) (24.0)
Requirement already satisfied: MarkupSafe==2.1.1 in /usr/local/lib/python3.10/dist-packages (from Werkzeug==3.1-->dash) (2.1.5)
Requirement already satisfied: zipp==0.5 in /usr/local/lib/python3.10/dist-packages (from importlib-metadata-->dash) (3.18.1)
Requirement already satisfied: six==1.7.0 in /usr/local/lib/python3.10/dist-packages (from retrying-->dash) (1.16.0)
Installing collected packages: dash-table, dash-html-components, dash-core-components, retrying, dash
Successfully installed dash-2.16.1 dash-core-components-2.0.0 dash-html-components-2.0.0 dash-table-5.0.0 retrying-1.3.4

import dash
from dash import dcc, html
from dash.dependencies import Input, Output
import requests

app = dash.Dash(__name__)

# Define API details
url = "https://real-time-amazon-data.p.rapidapi.com/search"
queryString = {"query": "Phone", "page": "1", "country": "US", "category_id": "aps"}
headers = {
    "X-RapidAPI-Key": "4520e8adb1msh54c1a8311664fcp122ca5jsn8588f08c8eb5",
    "X-RapidAPI-Host": "real-time-amazon-data.p.rapidapi.com"
}

# Make API request
response = requests.get(url, headers=headers, params=queryString)
data = response.json()

# Extract product titles
products = data['data']['products']
product_titles = [product['product_title'] for product in products]

# Define layout
app.layout = html.Div([
    html.H1("Amazon Product Titles"),
    html.Ul([
        html.Li(title) for title in product_titles
    ])
])

if __name__ == '__main__':
    app.run_server(debug=True)
```

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Amazon Product Titles

- Samsung Galaxy A15 (SM-155M/DSN), 128GB 6GB RAM, Dual SIM, Factory Unlocked GSM, International Version (Wall Charger Bundle) (Yellow)
- Moto G Play 2023 3-Day Battery Unlocked Made for US 3/32GB 16MP Camera Navy Blue
- Reno10 Cheap Smartphone. 5.0'' Android 9.0, 16GB ROM(Extendable to 128GB.Dual SIM Dual Camera, WiFi,Bluetooth,GPS Basic Mobile Phones (Reno10-Purple)
- SAMSUNG Galaxy A04e (SM-A042M/DS) Dual SIM 32GB 6.5'' GSM Unlocked International Version-Black
- Motorola Moto G 5G (2023) | Unlocked | Made for US 4/128GB | Bluetooth | 48 MP Camera | Harbor Gray, 163.94x74.98x8.39
- Samsung Galaxy A03s, 32GB, Black - Prepaid Smartphone (Locked)
- Motorola Edge | 2022 | 2-Day Battery | Unlocked | Made for US 6/128GB | 50MP Camera | Mineral Gray
- Panasonic Compact Cordless Phone with DECT 6.0, 1.6" Amber LCD and Illuminated HS Keypad, Call Block, Caller ID, Multiple Display Languages - 1 Handset - KX-TGB810S (Black/Silver)
- AT&T 210 Basic Trimline Corded Phone, No AC Power Required, Wall-Mountable, White
- TracFone Motorola Moto g Play, 32GB, Black - Prepaid Smartphone (Locked)
- TracFone Samsung Galaxy A03s, 32GB, Black - Prepaid Smartphone (Locked)
- Samsung Electronics Galaxy Note 20 5G Unlocked Android Cell Phone | US Version | 128GB of Storage | Mobile Gaming Smartphone | Long-Lasting Battery | Mystic Gray (Renewed)
- Samsung Galaxy S21 5G, US Version, 128GB, Phantom Gray - T-Mobile (Renewed)
- UMIDIGI Unlocked Cell Phone, Power 5 (3+64g) Android 11 Smart Phone, 6150mAh Battery+ 6.53" HD Display Smartphone with 16MP AI Triple Camera, Dual SIM Android Phone...

[2] Start coding or generate with AI.

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