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```
[2]: # crypto dataset
crypto_db = {
    "Bitcoin": {
        "price_trend": "rising",
        "market_cap": "high",
        "energy_use": "high",
        "sustainability_score": 3/10
    },
    "Ethereum": {
        "price_trend": "stable",
        "market_cap": "high",
        "energy_use": "medium",
        "sustainability_score": 6/10
    },
    "Cardano": {
        "price_trend": "rising",
        "market_cap": "medium",
        "energy_use": "low",
        "sustainability_score": 8/10
    }
}

# Define bot logic
def crypto_advisor(user_query):
    user_query = user_query.lower()

    if "trending" in user_query or "rising" in user_query:
        trending = [coin for coin in crypto_db if crypto_db[coin]["price_trend"] == "rising"]
        return f"📈 These cryptos are trending up: " + ", ".join(trending)

    elif "sustainable" in user_query or "eco" in user_query:
        recommend = max(crypto_db, key=lambda x: crypto_db[x]["sustainability_score"])
        return f"🌱 {recommend} is the most sustainable crypto! Great for long-term and eco-conscious!"
```

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```
elif "bitcoin" in user_query:
    btc = crypto_db["Bitcoin"]
    return f"📈 Bitcoin is {btc['price_trend']} with high energy use. Sustainability score: {btc['sustainability_score']}/10."

elif "cardano" in user_query:
    ada = crypto_db["Cardano"]
    return f"📈 Cardano is {ada['price_trend']} with low energy use. Sustainability score: {ada['sustainability_score']}/10."

elif "ethereum" in user_query:
    eth = crypto_db["Ethereum"]
    return f"📈 Ethereum is {eth['price_trend']} with medium energy use. Sustainability score: {eth['sustainability_score']}/10."

else:
    return "🤖 I didn't get that. Try asking about trends, sustainability, or a specific coin."
```

```
[3]: # Ask your question here
user_query = "Which crypto is trending up?"
response = crypto_advisor(user_query)
print(f"🤖 CryptoBuddy: ", response)

CryptoBuddy: 📈 These cryptos are trending up: Bitcoin, Cardano
```

```
[4]: # Ask your question here
user_query = "Tell me about Bitcoin"
response = crypto_advisor(user_query)
print(f"🤖 CryptoBuddy: ", response)

CryptoBuddy: 📈 Bitcoin is rising with high energy use. Sustainability score: 3.0/10.
```

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