

# Quick Access - Trading App

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## Live Application URLs

### Main Trading Application

🌐 <https://crypto-trading-app-252370699783.us-central1.run.app>

**Features:** - Toggle between Crypto and Stock markets - View Daily, Hourly, and 5-Minute timeframes - Expand any timeframe for detailed analytics - Access Admin Panel for user management

### Backend API

👉 <https://trading-api-cnyn5l4u2a-uc.a.run.app>

#### Quick Test Endpoints:

```
# Health Check
curl https://trading-api-cnyn5l4u2a-uc.a.run.app/health

# Get 5 crypto records
curl "https://trading-api-cnyn5l4u2a-uc.a.run.app/api/crypto"

# Get 5 stock records
curl "https://trading-api-cnyn5l4u2a-uc.a.run.app/api/stock"

# Crypto market summary
curl "https://trading-api-cnyn5l4u2a-uc.a.run.app/api/marketSummary"
```

```
# Stock market summary
curl "https://trading-api-cnyn514u2a-uc.a.run.app/api
```

## Data Pipeline Status

### Cloud Functions (Data Collection)

```
# Check if functions are running
gcloud functions list --project=cryptobot-462709

# Trigger manual data collection
curl https://daily-crypto-fetcher-cnyn514u2a-uc.a.run
curl https://hourly-crypto-fetcher-cnyn514u2a-uc.a.run
curl https://fivemin-top10-fetcher-cnyn514u2a-uc.a.run
```

### BigQuery Tables

```
# Check data counts
python check_bigquery_counts.py

# Query latest crypto data
bq query --use_legacy_sql=false \
'SELECT pair, close, rsi, macd, datetime
FROM `cryptobot-462709.crypto_trading_data.crypto_data`
ORDER BY datetime DESC LIMIT 10'

# Query latest stock data
bq query --use_legacy_sql=false \
'SELECT symbol, company_name, close, rsi, macd, date
FROM `cryptobot-462709.crypto_trading_data.stock_data`
ORDER BY date DESC LIMIT 10'
```

## Deployment Commands

## Redeploy Backend API

```
cd cloud_function_api  
python deploy_api.py
```

## Redeploy Frontend

```
cd stock-price-app  
gcloud run deploy crypto-trading-app \  
--source . \  
--platform managed \  
--region us-central1 \  
--allow-unauthenticated \  
--port 8080 \  
--project cryptobot-462709
```

## Monitoring

### View Logs

```
# API logs  
gcloud run services logs read trading-api --project=cryptobot-462709  
  
# Frontend logs  
gcloud run services logs read crypto-trading-app --project=cryptobot-462709  
  
# Cloud Function logs  
gcloud functions logs read daily-crypto-fetcher --project=cryptobot-462709
```

## Service Info

```
# API service details  
gcloud run services describe trading-api --region=us-central1
```

```
# Frontend service details
gcloud run services describe crypto-trading-app --region=us-central1
```

## Project Structure

```
Trading/
├── cloud_function_api/          # Backend API (Flask)
│   ├── main.py                  # API endpoints
│   ├── requirements.txt
│   └── deploy_api.py           # Deployment script
|
├── stock-price-app/            # Frontend React App
│   ├── src/
│   │   ├── App.jsx
│   │   ├── components/
│   │   │   ├── AIAalgoTradeHitsReal.jsx  # Main dashboard
│   │   │   └── AdminPanel.jsx           # User management
│   │   └── services/
│   │       └── api.js                # API service layer
│   ├── Dockerfile
│   ├── nginx.conf
│   └── package.json
|
└── cloud_function_datalayer/    # Daily crypto data collection
    ├── cloud_function_hourly/      # Hourly crypto data
    ├── cloud_function_5min/        # 5-min top gainers
    └── cloud_function_daily_stocks/ # Daily stock data
|
└── Documentation/
    ├── CLAUDE.md                 # Project overview
    ├── QUICK_START_GUIDE.md
    ├── FINAL_DEPLOYMENT_STATUS.md
    ├── TRADING_APP_DEPLOYMENT_COMPLETE.md
    └── QUICK_ACCESS.md           # This file
```

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## GCP Console Links

- **Cloud Run:** [https://console.cloud.google.com/run?  
project=cryptobot-462709](https://console.cloud.google.com/run?project=cryptobot-462709)
  - **BigQuery:** [https://console.cloud.google.com/bigquery?  
project=cryptobot-462709](https://console.cloud.google.com/bigquery?project=cryptobot-462709)
  - **Cloud Functions:** [https://console.cloud.google.com/functions?  
project=cryptobot-462709](https://console.cloud.google.com/functions?project=cryptobot-462709)
  - **Cloud Scheduler:**  
[https://console.cloud.google.com/cloudscheduler?  
project=cryptobot-462709](https://console.cloud.google.com/cloudscheduler?project=cryptobot-462709)
  - **Logs Explorer:** [https://console.cloud.google.com/logs?  
project=cryptobot-462709](https://console.cloud.google.com/logs?project=cryptobot-462709)
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## Quick Troubleshooting

### Problem: App shows "Loading..." forever

**Solution:** 1. Check API health: `curl https://trading-api-cnyn514u2a-uc.a.run.app/health` 2. Check BigQuery has data: `python check_bigquery_counts.py` 3. View API logs for errors

### Problem: No data in BigQuery

**Solution:** 1. Manually trigger data collection functions 2. Check Cloud Scheduler jobs are enabled 3. Review function logs for errors

### Problem: API returns errors

**Solution:** 1. Check BigQuery tables exist and have correct schema 2. Verify service account permissions 3. Review API logs: `gcloud run services logs read trading-api`

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## API Reference

## Crypto Data Endpoints

- `GET /api/crypto/daily?limit=100` - Daily OHLC + indicators
- `GET /api/crypto/hourly?limit=100` - Hourly OHLC + indicators
- `GET /api/crypto/5min?limit=100` - 5-min top gainers data

## Stock Data Endpoints

- `GET /api/stocks?limit=100` - Daily stock OHLC + indicators

## Summary Endpoints

- `GET /api/summary/crypto` - Crypto market statistics
- `GET /api/summary/stock` - Stock market statistics

## User Management (Admin)

- `GET /api/users` - List all users
- `POST /api/users` - Create user (body: {email, name, role})
- `PUT /api/users/{id}` - Update user (body: {name, role, is\_active})
- `DELETE /api/users/{id}` - Soft delete user

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*Last Updated: November 11, 2025*