ArbitrageAndy Bot - Shell Command Cheatsheet

🔓 Your Credentials

```
Token:   8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg
Chat ID: 7359674814
```

📁 Navigate to Project Folder

```bash
cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch
```

🧪 Test Bot Connection

```bash
cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

python3 telegram_alerts.py btc \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --test
```

▶️ Run Bot (Foreground)

Basic (spread alerts only)

```bash
cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

python3 telegram_alerts.py btc \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --spread-alert 0.3
```

With status updates every 30 seconds

```bash
bash

cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

python3 telegram_alerts.py btc \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --spread-alert 0.2 \
    --status-interval 30
```

Full configuration

```bash
bash

cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

python3 telegram_alerts.py btc \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --spread-alert 0.2 \
    --price-above 100000 \
    --price-below 80000 \
    --status-interval 30 \
    --cooldown 300
```

🖥️ Run Bot (Background 24/7)

Basic background

```bash
bash

cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

nohup python3 telegram_alerts.py btc \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --spread-alert 0.2 \
    --status-interval 30 \
    > telegram_alerts.log 2>&1 &
```

Full config background

```bash
bash

cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

nohup python3 telegram_alerts.py btc \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --spread-alert 0.2 \
    --price-above 100000 \
    --price-below 80000 \
    --status-interval 60 \
    --cooldown 300 \
    > telegram_alerts.log 2>&1 &
```

🛑 Stop Bot

```bash
bash

pkill -f telegram_alerts
```

📊 Monitor Bot

Check if running

```bash
bash

pgrep -fl telegram_alerts
```

View live log

```bash
bash

tail -f /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch/telegram_alerts.log
```

View last 50 lines of log

```bash
bash

tail -n 50 /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch/telegram_alerts.log
```

⚙️ All Settings Reference

Flag	Short	Description	Default
`--token`	`-t`	Telegram bot token	Required
`--chat`	`-c`	Your Telegram chat ID	Required
`--spread-alert`		Alert when spread > X%	`0.3`
`--price-above`		Alert when price > X	Disabled
`--price-below`		Alert when price < X	Disabled
`--change-alert`		Alert on X% price change	`2.0`
`--change-window`		Window for price change (seconds)	`300`
`--status-interval`	`-s`	Send status every X seconds	Disabled
`--interval`	`-i`	Check prices every X seconds	`15`
`--cooldown`		Min seconds between same alerts	`300`
`--delay`	`-d`	Delay between API calls	`0.2`
`--test`		Send test message and exit	-

💰 Different Cryptocurrencies

Ethereum

```bash
cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

python3 telegram_alerts.py eth \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --spread-alert 0.2 \
    --status-interval 30
```

Solana

```bash
cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

python3 telegram_alerts.py sol \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --spread-alert 0.2 \
    --status-interval 30
```

XRP

```bash
cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

python3 telegram_alerts.py xrp \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --spread-alert 0.2 \
    --status-interval 30
```

📈 Common Configurations

Conservative (fewer alerts)

```bash
cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

python3 telegram_alerts.py btc \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --spread-alert 0.5 \
    --cooldown 600 \
    --status-interval 300
```

Aggressive (more alerts)

```bash
bash
```

```bash
cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

python3 telegram_alerts.py btc \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --spread-alert 0.15 \
    --cooldown 60 \
    --status-interval 30
```

Price level watching

```bash
bash

cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

python3 telegram_alerts.py btc \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --spread-alert 0.3 \
    --price-above 100000 \
    --price-below 85000 \
    --status-interval 60
```

🔄 Quick Copy-Paste Commands

Start monitoring BTC (0.2% spread, 30s status)

```bash
bash

cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch && python3 telegram_alerts.py btc --token "8265645907
```

Start in background

```bash
bash

cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch && nohup python3 telegram_alerts.py btc --token "82656
```

Stop bot

```bash
bash
```

```bash
pkill -f telegram_alerts
```

Check status

```bash
bash

pgrep -fl telegram_alerts && tail -n 5 /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch/telegram_alerts.log
```

🆘 Troubleshooting

Bot not sending messages?

```bash
bash

# Test connection first
cd /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch

python3 telegram_alerts.py btc \
    --token "8265645907:AAHj3GsxTbxm3tuwOZIC5bA0Yov9nnvnKyg" \
    --chat "7359674814" \
    --test
```

Multiple bots running?

```bash
bash

# Kill all and restart
pkill -f telegram_alerts
sleep 2
pgrep -fl telegram_alerts  # Should show nothing
```

Check for errors in log

```bash
bash

cat /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch/telegram_alerts.log | grep -i error
```

List all files in project

```bash
bash

ls -la /Users/admin/Documents/florian/coding/Crypto_PriceDataFetch/
```