Neurologyca Engine API

Base URL

```
None
https://engine.neurologyca.ai
```

Authentication

Create session

```
None
curl https://engine.neurologyca.ai/session
```

Response

```
JSON
{
  "sessionId": "uuid",
  "token": "jwt"
}
```

Use token

```
None
Authorization: Bearer <token>
```

Workflow

```
None
1. Create session
2. Upload .kpn data
3. Trigger analysis
4. Poll results
```

Endpoints

Create Session

GET /session

Returns sessionId and token.

Upload Data

POST /process-kpn

Uploads biometric data.

Headers

```
None
Authorization: Bearer <token>
Content-Type: multipart/form-data
```

Body

Field	Type	Required
sessionId	string	yes
file	file	yes

Response

```json
{
  "code": 200,
  "message": "OK"
}
```

Trigger Analysis

POST /analyze/{sessionId}/{stepId}

Runs analysis on uploaded data.

Body

```json
{
  "analyze_type": 3,
  "idpresight": "9",
  "prompt": "analyze behavior",
  "speech": "text",
  "customize": {
    "role": "Psychologist",
    "length": 500,
    "language": "english"
  }
}
```

Response

```json
{
  "status": "Success",
  "interpretation": "...",
  "insight": "..."
}
```

Get Results

GET /results/{sessionId}/{stepId}

Returns analysis result.

Processing

```json
JSON
{
  "status": "Processing",
  "result": null
}
```

Complete

```json
JSON
{
  "status": "Success",
  "result": {
    "circumplex": {
      "arousal": 0.65,
      "valence": 0.22
    },
    "interpretation": "..."
  }
}
```

Example

```
None
# 1. Create session
curl https://engine.neurologyca.ai/session

# 2. Upload data
curl -X POST https://engine.neurologyca.ai/process-kpn \
  -H "Authorization: Bearer <token>" \
```

```
  -F "sessionId=<sessionId>" \
  -F "file=@data.kpn"

# 3. Trigger analysis
curl -X POST https://engine.neurologyca.ai/analyze/<sessionId>/2
\
  -H "Authorization: Bearer <token>" \
  -H "Content-Type: application/json" \
  -d '{...}'

# 4. Get results
curl https://engine.neurologyca.ai/results/<sessionId>/2 \
  -H "Authorization: Bearer <token>"
```

Errors

Code	Meaning
400	Bad request
401	Unauthorized
404	Not found
429	Rate limit
500	Server error

Notes

- Upload must complete before analysis
- Results are asynchronous (poll until ready)
- `.kpn` = images + metadata bundle