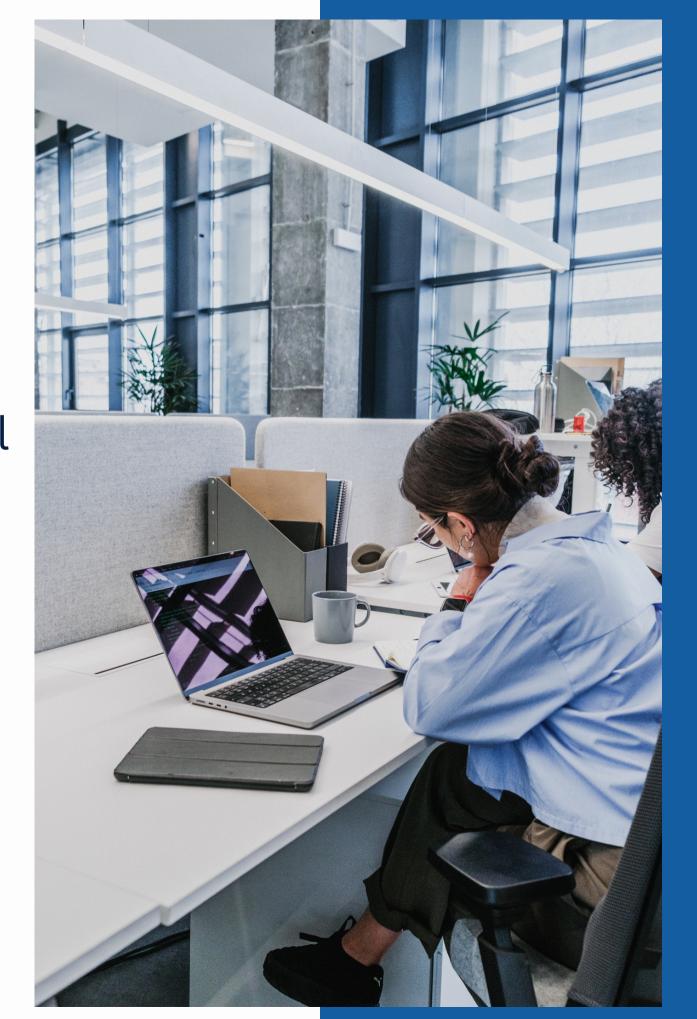# Transforming Text to Flowcharts

By: NKUGWA MARK WILLIAM

Problem Statement

- Ever struggled to translate lengthy text into visual representations? We've been there.

- Our solution streamlines this process, making it easier for everyone to understand and communicate complex ideas.

How It Works

Introducing our text-to-flowchart maker: it transforms written content into visually intuitive flowcharts.

Let's delve into the mechanics of our innovative approach.

text to Flow Diagram

Type your flow here...

Message the agent...

Send

```
1    Happy Bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...      66    0.000117
2    Happy Bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...      65    0.000115
3    Happy Bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...      77    0.000139
4    Happy Bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...      55    0.000094
5    Happy Bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...      93    0.000170
6    Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...     968    0.001506
7    Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1061    0.001692
8    Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1020    0.001610
9    Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1007    0.001584
10   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1056    0.014460
11   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1107    0.015990
12   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1170    0.017880
13   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1083    0.015270
14   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1119    0.016350
15   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1102    0.015840
16   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1118    0.016320
17   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1158    0.017520
18   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1062    0.014640
19   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1078    0.015120
20   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1106    0.015960
21   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1113    0.016170
22   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1132    0.016740
23   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1155    0.017430
24   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1114    0.016200
25   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1101    0.015810
26   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1090    0.015480
27   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1096    0.015660
28   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1038    0.013920
29   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1146    0.017160
30   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1053    0.014370
31   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1103    0.015870
32   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1075    0.015030
33   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1097    0.015690
34   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1015    0.013230
35   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1118    0.016320
36   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1074    0.015000
37   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1003    0.012870
38   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1106    0.015960
39   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1133    0.016770
40   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1092    0.015540
41   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1070    0.014880
42   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1158    0.017520
43   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1058    0.014520
44   Chart bot    {"tru_class_info": {"name": "TruBasicApp", "mo...    ...    1213    0.019170

[45 rows x 14 columns]
- MERMAID -
flowchart TD
    A[Introduction]
    A --> B[Establish Protagonist]
    B --> C[Set the Scene]
    C --> D[Introduce Anomaly]
    D --> E[Rising Tension]
    E --> F[Protagonist's Descent]
    F --> G[Reveal Dark Secrets]
    G --> H[Confrontation with Anomaly]
    H --> I[Final Showdown]
    I --> J[Resolution]
```

Technology Stack

- Our solution harnesses the capabilities of OpenAI for natural language processing Trulens for seamless evaluation Mermaid.js for visualisation, and Openai Assistant for system testing for prompt engineering and langchain.

- Together, these technologies revolutionize the way we translate text into actionable visualizations.

Product Potential

- The applications for our text-to-flowchart maker are limitless, from streamlining project workflows to enhancing educational materials, story writing and business

Business Model

- API subscription , Ads , Consumer focused

Market Size

Estimate : 300 Million USD

THANK YOU!

NKUGWA MARK WILLIAM

TEAM LEAD

+256788098058

nkugwamarkwilliam@gmail.com

Kampala, Lusanja