**SOCR AI Bot – Demonstration Script (March 2023)**

**I. Code-generation**

fit a linear model of the outcome rating using the predictor complaints.

<Check the box "Continue from this Chunk">

Plot the linear model of the outcome rating using the predictor complaints.

fit a linear model of the outcome rating using the predictors complaints and privileges.

fit a linear model of the outcome rating using complaints and privileges as predictors and report the model summary.

**II. Health Survey Abstract**

contemporary health system challenges and opportunities.

**III. Medical Image generation**

generate a sagittal brain image of Alzheimer's disease patient.

**IV. Report (Rmd R-script generation**

Select "All chunks", not exclusive to "without errors".

Then print report and download Rmarkdown script.

**V. EDA**

Select some examples...

**IV. Ask IA Bot**

What is Kruskal-Wallis statistical test.

\*\* **Note**: To prevent extreme costs and unstainable OpenAI API fees, the current default options of the AI Bot rely on lower-quality generative-AI models. If you are interested in using the latest, greatest, and most expensive models, you need to provide your own OpenAI API Key (specify your API Key in the “Setting”).

**Appendix**

Image generation works:

*response <- openai::create\_image(n=1,*

*prompt = prepared\_request, size="256x256",*

*openai\_api\_key = api\_key\_session()$api\_key,*

*response\_format="b64\_json"),*

Text Generation does not

*response <- openai::create\_completion(*

*model = language\_model,*

*prompt = prepared\_request,*

*openai\_api\_key = api\_key\_session()$api\_key,*

*max\_tokens = 500,*

*temperature = sample\_temp()*

*),*

create\_completion(

model = "gpt-3.5-turbo",

prompt = "fit a linear model of the outcome rating using the predictor",

openai\_api\_key ="…",

max\_tokens = 200,

temperature = 0.1

)

Error: OpenAI API request failed [404]:

This is a chat model and not supported in the v1/completions endpoint.

Did you mean to use v1/chat/completions?