

FYP idea

The idea is to build an AI model that can turn structured data into text, having a balance between semantic fidelity and readability.

By structured data, we mean a table or a JSON that will have different semantic triples related to an entity.

For example,

1	Model_Name	Model_Price	Build_Dimensi	Build_Weight	Build_SIM	Build_Colors	Frequency_2G Band
93	Apple iphone 8	108610	138.4 x 67.3 x 7	148 g	Single SIM (Nano-SIM)	Silver, Space Gray, Gold	SIM1: GSM 850 / 900 / 1800 / 1900

We can get different semantic triples from this table for this mobile model. Like,

Apple iPhone 8 has a model price of 108610.

Apple iPhone 8 has build dimensions – and –.

You can have a look at the data we scraped for this here

[+ whatmobile phone data](#)

These relationships can be turned into human-readable text by well-trained and well-written AI models.

The goal is to make it possible for huge corporations and companies to add detailed content to their sites.

An example is agoda.com

Here is a brief analysis and data collection that we just did on their site

[+ Master Data Agoda](#)

They have thousands of unique URLs that can need detail and content for high user retention and a complete user experience.

If a human writer takes two days to write content for one page, it stays under QC for the next two days and is published the next day, then each page will be done in around 5 working days.

Agoda has a total of 10000 URLs. A naive approximation of the total time needed to fill all the pages is around 50000 days. Huge Problem!! We are here to fill the gap.

Final Product:

We want to provide a full-fledge platform for end-users to sign up, upload their data and get the text.

The idea is missing from the industry and we plan to create it using a subscription-based business model.