

Obj Model

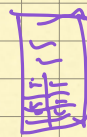
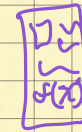
Text_Content []

Image_Content []

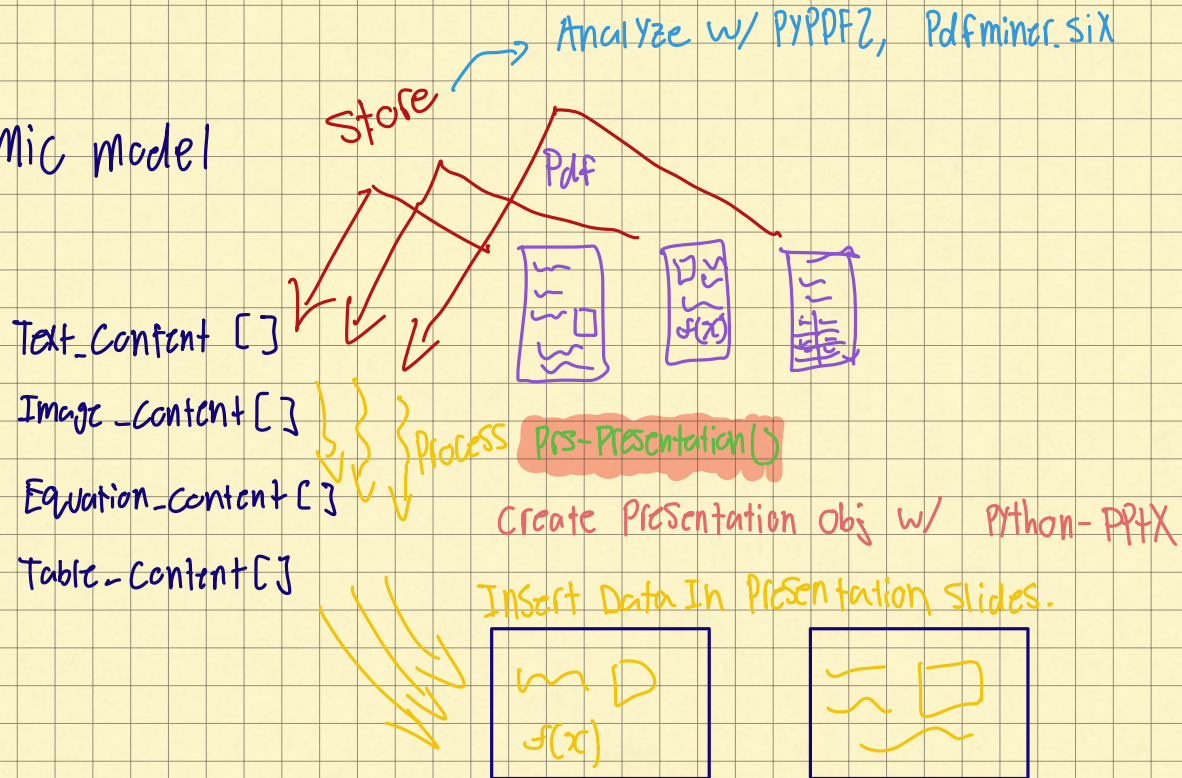
Equation_Content []

Table_Content [] Prs-Presentation()

Pdf



Dynamic model



State Model - (Extracting)

Text_Content []

Image_Content [] → use LImage; append

Equation_Content [] → find '\$' for LaTeX → strip() → append

Table_Content [] → LTable → row data → strip() → process → append

Null → get_text().strip() → append to self

State model (Creating Slideshow)

Text_Content [] \rightarrow Null \rightarrow get_text().strip() \rightarrow append to self

Image_Content [] \rightarrow use LImage, append

Equation_Content [] \rightarrow find '\$' for LaTeX \rightarrow strip() \rightarrow append

Table_Content [] \rightarrow LTable \rightarrow row data \rightarrow strip() \rightarrow process \rightarrow append

① - Create Pres - (PPTX, -.util)
↳ add slide

text_Content \rightarrow add text box
 \rightarrow Insert text

Image_ \rightarrow open image
 \rightarrow write data to PPT file
 \rightarrow add_Picture to insert
 \rightarrow os.remove the Png file

Equation_ \rightarrow add into text box

Table_ \rightarrow store row, cols
 \rightarrow add_table() \Rightarrow Table
 \rightarrow loop and write into cells

\rightarrow Save PPT file