**CONCEPT DIAGRAM FOR MY summarise\_picard\_metrics.py SCRIPT FOR PICARD METRICS**

**Name: Khalid Adam Yusuf (s411309)**

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Input folder

-hs\_metrics

-insert\_sizes

-duplicate\_metrics

Output folder

Output folder

* Summary text files
* Plots
* Histograms

Sample counts for subfolders

Analysis of input files

Command Prompt

* The above diagram illustrates how the program interact with the user.
* The user provides an input folder with 3 subfolders and an output folder to the script via the command prompt.
* The script analyses the input folder and provides results.
* The results are printed to the output folder and the command prompt.