**TIPP- NVIDIA TASK**

**Goal:** to help researchers research more efficiently, by creating a summarisation tool for research. This tool will utilise AI to insert highlights into the research paper to accentuate the key points. In this project, we aim to provide a working POC through the parsing and summarisation of newpaper text.

As a stretch goal, the web app should be able to complete the following functions, however the scope have been reduced to “deliverables”, taking into consideration time and resource constraints following our meeting:

Following our first meeting, we have scoped out requirements into deliverables as seen below, taking into account the time and resource constraints. However, Nvidia has included a ‘stretch goal’, to give an idea of how a potential real-world deployment, could be made.

**Deliverables:**

1) Input URL  
2) summariser  
3) output   
4) evaluate model

**Stretch goal:**

1) Web app  
2) input URL  
3) Summariser - BERT model  
4) output “article with highlights”  
5) collect user feedback  
6) evaluate model

**Hints:**  
URL – use news websites, “newspaper” library to parse data  
Summariser – use a BERT related model  
Performance measurement - compare with BLEU, GLUE ( human translator)   
Textbox – to collect feedback

**Contact points:**  
Once a week( video)- 1) what done this week, 2) what to do next week

**Demo/resources:**   
“introduction aira” - youtube