**ForensX Space Apps Challenge Planning Sheet**

**Fuk Lonnie**

**Rising Water**

* **Your challenge is to create a visual tool to illustrate the cumulative impacts of small changes associated with sea level rise over decades.**
* **Key Phrases:**
  + **“Include ways to change related variables and view the impacts on a sea level in the future” 🡪 Interactive Dashboard**
  + **“View impacts on the sea level in the future” 🡪 Forecasting**
  + **Focus on local and regional scales 🡪 Having various options to present how rising seas affect specific regions**

**Chasers of the Lost Data**

* **Inspired by data loss in AM research with the goal of building accurate ML models, your challenge is to identify ways to computationally recover what is lost when datasets have gaps and excessive noise.**
* **Key Phrases:**
  + **Data imputation (I know it here <3 )**
  + **CSV Format**
  + **Characteristics vary:**
    - **Approach can be generalizable**
  + **Methods should consider mixed data categorical and continuous data types**
  + **Small datasets – consider big ones**