Capstone Project abstract

CKM136XJ0

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The theme:
Classification and Regression.

Datasets link:
https://www.kaggle.com/START-UMD/gtd#globalterrorismdb_0718dist.csv

Context:
Information on more than 180,000 Terrorist Attacks
The Global Terrorism Database (GTD) is an open-source database including information on terrorist attacks around the world from 1970 through 2017. The GTD includes systematic data on domestic as well as international terrorist incidents that have occurred during this time period and now includes more than 180,000 attacks.

Content:
Geography: Worldwide
Time period: 1970-2017, *except 1993*
Variables: >135 variables on location, tactics, perpetrators, targets, and outcomes ,….etc

Research questions:
Can the success of an attack and number of casualties (killed and wounded) be predicted by knowing attack features?

Tools and Programing language for coding:
Python and different libraries: Pandas, matplotlib, seaborn, numpy, scipy,…etc
I may use AWS (Amazon Web services) if my laptop processing is slow during building / training the models.