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| US Wildfires and Data Breaches | | |
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| Project 1 – Team Platypus | | |

# Team Members:

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| 1. Pramod | 1. Lindsey | 1. Juan | 1. Emerald | 1. Nader |

# Premise:

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| Ho: Looking at wildfires across the United States, is there an increase in data breaches within that state?  Ha: Looking at wildfires across the United States, is there an increase in data breaches within that state? |

# Questions to Answer:

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| 1. How large are the fires being considered? Wildfires defined as: >= 100 acres |
| 1. How is data breach defined? Data Breaches defined as: Incident that exposes confidential or protected information. |

# Datasets to Be Used:

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| [Cyber Security Breaches Data (kaggle)](https://www.kaggle.com/alukosayoenoch/cyber-security-breaches-data?select=Cyber+Security+Breaches.csv) |
| [Data for currently active wildfires across the U.S (aerisweather.com)](https://www.aerisweather.com/support/docs/api/reference/endpoints/fires/#properties) |

# Task Breakdown:

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| 1. Clean data breach file – Lindsey 2. Pull fire data – Pramod 3. Put fire data into DF – Nader 4. Statistical analysis - Emerald 5. Create plots of data for comparison – Juan 6. Written analysis – Group |
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