



NYC DATA SCIENCE
ACADEMY

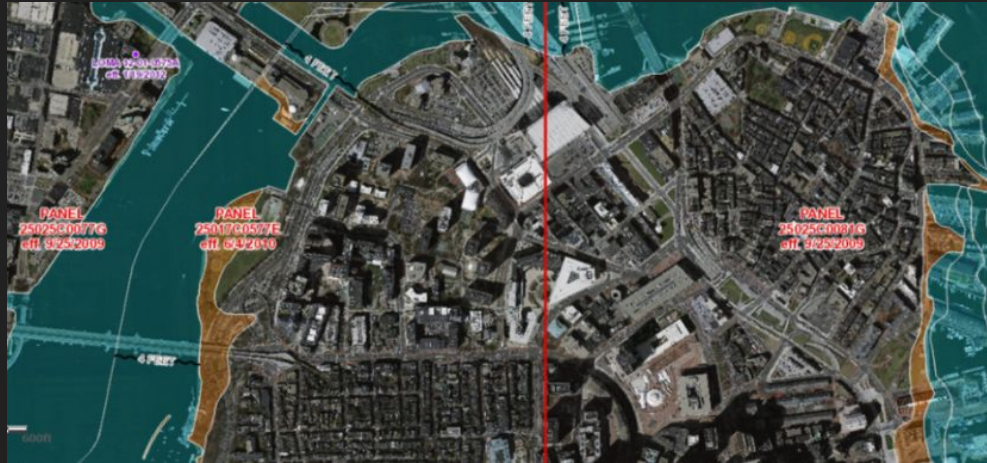
A Flood of FEMA Claims

R Shiny App Development

-Michael Link

Problem Statement

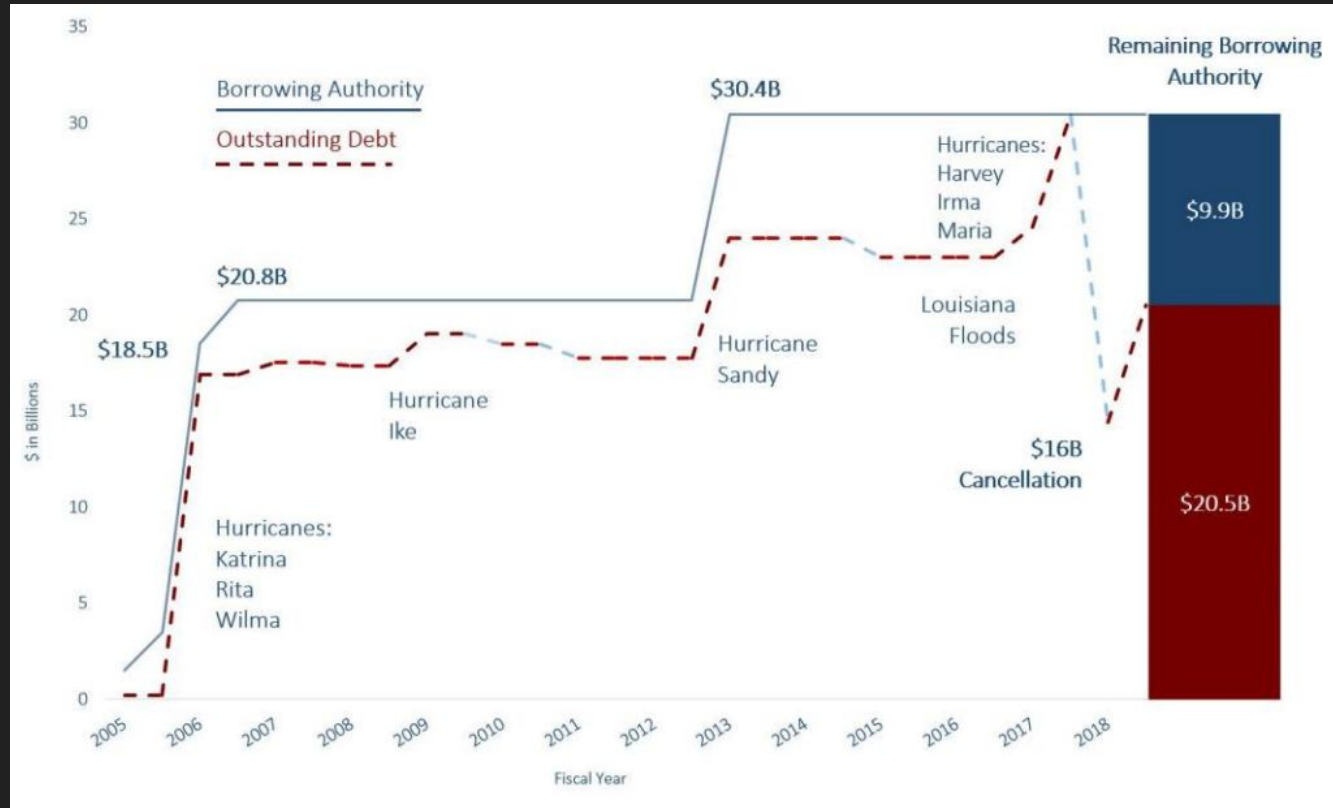
- FEMA is tasked with:
 - Creating 100 year floodplain,
 - Forcing people to buy flood insurance,
 - Reimbursement after floods



Problem Statement

- Can FEMA stay financially afloat (pun intended)?

Problem Statement



Valid Questions

- Why have there been so many catastrophic storms in last 15 years?
- Is the flood insurance program sinking due to climate change or bad floodplains?
- Where is FEMA losing the most money?
- When has FEMA lost the most money?
- How quickly is FEMA currently losing money?

Valid Questions

- Why have there been so many catastrophic storms in last 15 years?
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Target Audience & Business Proposition

- Audience
 - Flood Insurance Program Managers
 - Federal Agents (Senators, Congresswomen, etc.)
- Business Proposition
 - Saves money by shifting focus to few states rather than the whole country
 - Convincing federal agents to open their wallets

Links

- GitHub Repository:
 - https://github.com/Data-Science-Link/A_Flood_of_FEMA_FACTS
- Shiny App URL:
 - https://data-science-link.shinyapps.io/fema_flood_claims/