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| **Project Track** | Construction/Steel Erection |
| **Project Name** | Weather impact on construction projects and steel erection |
| **Project Team Members** | * Jon Haas * Adams Olweny * Bobbi Fletchall |
| **Team Member Roles** | Project Manager: Jon Haas  Git Owner: Bobbi Fletchall  Data Collector: Bobbi Fletchall, Jon Haas  Visualizations: Bobbi Fletchall, Adams Olweny  Slide Owner: Adams Olweny  … |
| **Communication Methods & Out of Class Meeting Times** | |
| **Primary:** Project 1 Group 4 Team Slack Channel & Zoom  **Emergencies & Escalations:** Project 1 Group 4 Team Slack Channel  **Out of Class Meeting Times:**   * 12/27 Wednesday 2pm-4pm * 12/30 Saturday 8am-10am * 1/3 Wednesday 2pm-4pm | |
| **Project Description - Why is this a problem worth exploring?** | |
| The impacts of high wind and rain on construction projects and steel erection.  High wind and rain can cause significant impacts to project schedule. Documentation of weather days can reduce the potential for schedule delay related charges. | |
| **Top 2 Datasets Being Pursued** | |
| * [OpenWeatherMap API guide - OpenWeatherMap](https://openweathermap.org/guide)   + Dataset 1 Source/Description * HME Appservices project data   + Dataset 2 Source/Description | |
| **Top 3 Questions to Answer** | |
| * Is the wind speed over 25mph at project locations? If the wind speed is over 25mph then color = yellow, else green. * Is it raining at the project locations? If it is raining then color = red, else green * What is the total number of projects with rain and/or winds over 25mph? * What is the total number of projects with predicted rain and/or winds over 25mph in the next 8 days? | |