Questions to ask of data:

1. Does higher temperature lead to faster pitches? Hypothesis is that yes, there is a direct correlation.
   1. Velocity appears to be affected by warmer temperatures on fastballs specifically. Pitches thrown in the summer generally have higher velocity and spring and fall months show a decline in velocity.
2. Does pitch type matter? (i.e. is a Fourseam Fastball more/less affected by temperature than a knuckleball?)
3. Does wind have any effect on pitch speed? Breaking Angle?
4. Does seasonality have any effect on pitch speed (early in the season vs. later in the season)?
5. Does time of day (or night) have any effect on pitch speed?
6. Does stadium venue have any effect on pitch speed?
   1. Different stadiums have distinct geographic characteristics (i.e. Domes, AT&T, Fenway and Oakland Coliseum Stadiums near bodies of water have higher wind, lower temperature factors that greatly affect the velocity of pitches.
7. Does seasonality have any impact on the mix of pitches thrown?
   1. Pitch mixes change over the course of a season. Generally earlier in the season, there are a higher number of fastballs thrown. As the season goes along, pitchers mix in additional off-speed pitches to create more uncertainty and variety for batters.
8. Does Breaking Angle have an impact on pitch speed?
   1. Break Angle is…
   2. Break Angle is generally higher on pitches that are thrown with more velocity. Certain off-speed pitches like curve balls also show high break angles.
9. Which type of pitches are the fastest?
   1. Cutter, Splitters, Fourseam, and Twoseam fastballs are the fastest pitches.
10. Where/when/what time are the fastest pitches thrown?
    1. Where?
    2. When?
    3. What time?
11. Is there a correlation between pitch speed and homeruns?
12. Is there a correlation between temperature and homeruns?