

## Prodigies in Literature?

- Mary Wollstonecraft Shelley
- Age 19
- Created Frankenstein, an imaginary creature
- Others?
- Why?
- Literature is about the world, not about rules. It deals with life's experience and the wisdom we develop over time.


## Prodigies

- Math, music, chess
- Gauss, Pascal
- Mozart, Schubert, Mendelssohn
- Bobby Fischer
- Why these three areas?
- Each creates its own world with its own set of rules
- There is no "experience" required
- Once you know the rules, you are free to create anything




## 1.Think Critically

- Challenge the data's credentials.
- Challenge how they were collected
- Look for bias
- Have they ever done this in Calculus?
- Know what we want to know.
- What's the QUESTION?
- Plot the data
- And ask about lurking variables
- Check Assumptions and Conditions.








## Be Honest Part II

- Acknowledge common misapplications and misinterpretations of statistics.

What can go wrong?


