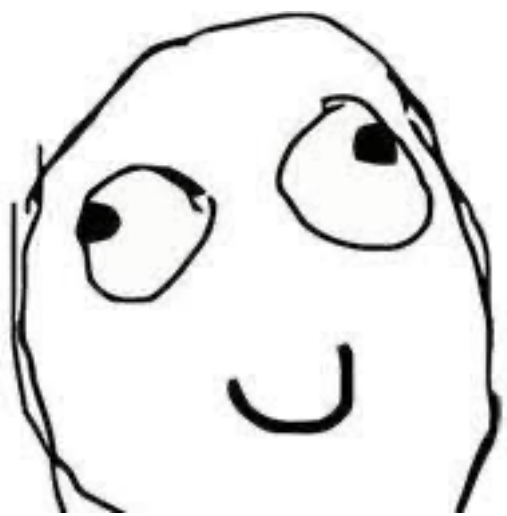




**But Programming Systems Have Not Kept Up**



**dear**

**Reality**

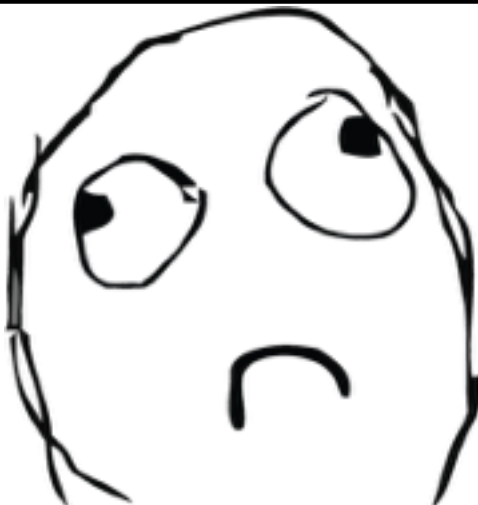
data.csv

data\_clean.csv

data\_clean2.csv

data\_clean100.csv

FloatingPointError





The recent changes in programmer needs  
are **unmet** by current programming systems





**I want this...**

**Programming**

**Not**

**Have**

**Systems**

**But**

**Kept**



**Up**





























U

























**V**



















U















**V**



























6



































**want**







**this**

**S**

























U





**n**



















**V**



















U















**V**





**6**





















**s**



















**9**













