Column Names

Necessary for Project  
Cool Data they have

Rowid : Row ID  
pl\_name : Planet Name  
hostname: Star Name  
pl\_letter  
hd\_name   
hip\_name  
tic\_id  
gaia\_id  
default\_flag  
sy\_snum : Number of Stars  
sy\_pnum: Number of Planets  
sy\_mnum : Number of Moons  
cb\_flag  
discoverymethod  
disc\_year : Discovery Year  
disc\_refname  
disc\_pubdate  
disc\_locale  
disc\_facility  
disc\_telescope  
disc\_instrument  
rv\_flag  
pul\_flag  
ptv\_flag  
tran\_flag  
ast\_flag  
obm\_flag  
micro\_flag  
etv\_flag  
ima\_flag  
dkin\_flag  
soltype  
pl\_controv\_flag  
pl\_refname  
pl\_orbper : Planet Orbital Period (days)  
pl\_orbsmax : Planet Orbital Semi-Major Axis (au)  
pl\_rade : Planet Radius (Earth Radius)  
pl\_radj  
pl\_masse : Planet Mass (Earth Mass)  
pl\_massj  
pl\_msinie  
pl\_msinij  
pl\_cmasse  
pl\_cmassj  
pl\_bmasse  
pl\_bmassj  
pl\_bmassprov  
pl\_dens : Planet Density  
pl\_orbeccen : Planet Orbit Eccentricity  
pl\_insol  
pl\_eqt: Planet Equilibrium Temp (K)  
pl\_orbincl  
pl\_tranmid  
pl\_tsystemref  
ttv\_flag  
pl\_imppar  
pl\_trandep  
pl\_trandur  
pl\_ratdor  
pl\_ratror  
pl\_occdep  
pl\_orbtper  
pl\_orblper  
pl\_rvamp  
pl\_projobliq  
pl\_trueobliq  
st\_refname  
st\_spectype  
st\_teff : Stellar Effective Temp (K)  
st\_rad : Stellar Radius (Solar Radius)  
st\_mass: Stellar Mass (Solar Mass)  
st\_met : Stellar Metalicity (dex)  
st\_metratio : Stellar Metalicity Ratio  
st\_lum : Stellar Luminocity  
st\_logg  
st\_age : Stellar Age  
st\_dens : Stellar Density  
st\_vsin: Stellar Rotational Velocity (km/s)  
st\_rotp: Stellar Rotational Period (days)  
st\_radv  
sy\_refname  
rastr  
ra  
decstr  
dec  
glat  
glon  
elat  
elon  
sy\_pm  
sy\_pmra  
sy\_pmdec  
sy\_dist : System Distance (pc)  
sy\_plx  
sy\_bmag  
sy\_vmag  
sy\_jmag  
sy\_hmag  
sy\_kmag  
sy\_umag  
sy\_gmag  
sy\_rmag  
sy\_imag  
sy\_zmag  
sy\_w1mag  
sy\_w2mag  
sy\_w3mag  
sy\_w4mag  
sy\_gaiamag  
sy\_icmag  
sy\_tmag  
sy\_kepmag  
rowupdate  
pl\_pubdate  
releasedate  
pl\_nnotes  
st\_nphot  
st\_nrvc  
st\_nspec  
pl\_nespec  
pl\_ntranspec

Understanding Units

1 Earth Radius = 6,371 km  
1 Earth Mass = 5.972 x 10^24 kg

1 Solar Radius = 696,340 km  
1 Solar Mass = 1.989 × 10^30 kg

273.15K = 0°C = 32°F

1 pc = 3.26 ly = 9.461 x 10^12 km