Read CSV and 'Collect'

Dim1	Dim2	Dim3	Dim4	Dim5	Class
0.5488135039273248	0.7151893663724195	0.6027633760716439	0.5448831829968969	0.4236547993389047	3
0.6458941130666561	0.4375872112626925	0.8917730007820798	0.9636627605010293	0.3834415188257777	1
0.7917250380826646	0.5288949197529045	0.5680445610939323	0.925596638292661	0.07103605819788694	1
0.08712929970154071	0.02021839744032572	0.832619845547938	0.7781567509498505	0.8700121482468192	3
0.978618342232764	0.7991585642167236	0.46147936225293185	0.7805291762864555	0.11827442586893322	1
0.6399210213275238	0.1433532874090464	0.9446689170495839	0.5218483217500717	0.4146619399905236	2
0.26455561210462697	0.7742336894342167	0.45615033221654855	0.5684339488686485	0.018789800436355142	3
0.6176354970758771	0.6120957227224214	0.6169339968747569	0.9437480785146242	0.6818202991034834	1
0.359507900573786	0.43703195379934145	0.6976311959272649	0.06022547162926983	0.6667667154456677	3
0.6706378696181594	0.2103825610738409	0.1289262976548533	0.31542835092418386	0.3637107709426226	3
0.5701967704178796	0.43860151346232035	0.9883738380592262	0.10204481074802807	0.2088767560948347	2
0.16130951788499626	0.6531083254653984	0.2532916025397821	0.4663107728563063	0.24442559200160274	3
0.15896958364551972	0.11037514116430513	0.6563295894652734	0.1381829513486138	0.1965823616800535	3
0.3687251706609641	0.8209932298479351	0.09710127579306127	0.8379449074988039	0.09609840789396307	3
0.9764594650133958	0.4686512016477016	0.9767610881903371	0.604845519745046	0.7392635793983017	3
0.039187792254320675	0.2828069625764096	0.1201965612131689	0.29614019752214493	0.11872771895424405	3
0.317983179393976	0.41426299451466997	0.06414749634878436	0.6924721193700198	0.5666014542065752	1
0.2653894909394454	0.5232480534666997	0.09394051075844168	0.5759464955561793	0.9292961975762141	3
0.29655562650640299	0.9920112434144741	0.2494200410564512	0.1059061548822322	0.9509526110553941	1
0.2334202554680963	0.6897682650777505	0.05835635898058866	0.7307090991274762	0.8817202123338397	1
0.2724368954659625	0.37905689607742854	0.3742961833209161	0.7487882575401331	0.23780724253903884	3
0.171853099047643	0.4492916486877381	0.3044684073773195	0.8391891222586524	0.23774182601563876	2
0.5023894574892614	0.9425835996979304	0.6339976977446607	0.8672894054624648	0.9402096893547673	1
0.7507648618863519	0.6995750602247514	0.9679655666042271	0.9944007896476794	0.45182168266975964	3
0.07086977818420837	0.29279403144051885	0.15235470568773046	0.4174863747960118	0.13128932847325603	1
0.604117804020882	0.3828080591578541	0.89538588428821	0.9677946717985019	0.5468849016694222	1
0.2748235698675966	0.5922304187618368	0.8967611582244098	0.4067333458357483	0.5520782766919708	2
0.2716527676061459	0.455444149450027	0.40171353537959864	0.24841346508297102	0.5058663838253084	1

Dim1	Dim2	Dim3	Dim4	Dim5	Class
0.548135039273248	0.7151893663724195	0.6027633760716439	0.5448831829968969	0.4236547993389047	3
0.645894113066561	0.4375872112626925	0.8917730007820798	0.9636627605010293	0.3844151518257777	1
0.7917250380826646	0.5288949197529045	0.5680445610939323	0.9255966382926661	0.07103605819788694	1
0.0871292997015407	0.0202183974403257	0.8326198455479(38)	0.7781567509498505	0.8700121482468192	3
0.978618342232764	0.7991585642167236	0.4614793622529318(5)	0.7805291762864555	0.1182744258689332	1
0.6399210213275238	0.1433532874090464	0.9446689170495839	0.5218483217500717	0.4146619399905236	2

readcsv_collect

matclass1

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
0.645894	0.437587	0.891773	0.963663	0.383442
0.791725	0.528895	0.568045	0.925597	0.0710361
0.978618	0.799159	0.461479	0.780529	0.118274
0.617635	0.612096	0.616934	0.943748	0.68182
0.317983	0.414263	0.0641475	0.692472	0.566601
0.318569	0.66741	0.131798	0.716327	0.289406
0.183191	0.586513	0.0201075	0.82894	0.00469548
0.725254	0.501324	0.956084	0.64399	0.423855
0.590873	0.574325	0.653201	0.652103	0.431418
⋮	⋮	⋮	⋮	⋮

matclass2

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
0.639921	0.143353	0.944669	0.521848	0.414662
0.570197	0.438602	0.988374	0.102045	0.208877
0.677817	0.270008	0.735194	0.962189	0.248753
0.576157	0.592042	0.572252	0.223082	0.952749
0.396506	0.881103	0.581273	0.881735	0.692532
0.618015	0.428769	0.135474	0.298282	0.569965
0.896547	0.367562	0.435865	0.891923	0.806194
0.149448	0.868126	0.162493	0.61556	0.12382
0.855803	0.0117141	0.359978	0.729991	0.17163
⋮	⋮	⋮	⋮	⋮

matclass3

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
0.548814	0.715189	0.602763	0.544883	0.423655
0.0871293	0.0202184	0.83262	0.778157	0.870012
0.264556	0.774234	0.45615	0.568434	0.0187898
0.359508	0.437032	0.697631	0.0602255	0.666767
0.670638	0.210383	0.128926	0.315428	0.363711
0.16131	0.653108	0.253292	0.466311	0.244426
0.15897	0.110375	0.65633	0.138183	0.196582
0.368725	0.820993	0.0971013	0.837945	0.0960984
0.976459	0.468651	0.976761	0.604846	0.739264
⋮	⋮	⋮	⋮	⋮

```julia
using CSV
using DataFrames
using PrettyTables

# Load your data
file_path = "/Users/Jeff/Desktop/data_with_classes.csv"
df = CSV.read(file_path, DataFrame)

# Initialize matrices to hold data for each class
# Start with empty arrays
global matclass1 =
global matclass2 =
global matclass3 =

# Iterate through each row of the DataFrame
for row in eachrow(df)
    global matclass1, matclass2, matclass3
    # Extract data as an array, excluding the Class column
    data =


end
pretty_table(matclass1)
pretty_table(matclass2)
pretty_table(matclass3)
```