Cleaned_pose_class_data

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```
# save max no. of rows, n
n <- nrow(data)

# label value column
colnames(data) <- "value"
#as.numeric(data$value)
#as.String(data$value)

# slice up to maximum 36*k < n, k>=0:
k <- floor(n/36) # no. of Classes
m <- 36*k+2
#2+36*(floor(n/36))
data <- dplyr::slice(data,3 : m) # row: starts at 3 / col: 2 + 36*k
```

```
head(data)
```

```
##                                                value
## 1  VM2257 previewScripts.js:16 0.x:  374.3762989304451
## 2 VM2257 previewScripts.js:16 0.y:  224.65134291620979
## 3 VM2257 previewScripts.js:16 1.x:  401.89975731089334
## 4 VM2257 previewScripts.js:16 1.y:  194.30977923595879
## 5 VM2257 previewScripts.js:16 2.x:  345.57734201293704
## 6 VM2257 previewScripts.js:16 2.y:  194.19580589725723
```

```
View(data)
typeof(data$value)
```

```
## [1] "integer"
```

```
# extract the values behind ": "

x <- data$value
clean <- gsub(".* ", "", x)
View(clean)
```

```
# Row names
rowNames <- c(1:34, "Time Elapsed", "NA")
View(rowNames)

# Reshape data
#time <- vector("numeric", k) # vector stores k no. of time Classes
#for (i in 1:k) {
#  r <- 1 + 36*(i-1)
#  c <- 36*i
#  time[i] <- clean[r:c]
```

```
#}
spread <- vector("numeric", 36)
coord <- vector("numeric", 36)
spread <- cbind(spread, coord)

for (i in 1:k) {
  nr <- 1+36*(i-1)
  nc <- 36*i
  t <- clean[nr:nc]
  spread <- cbind(spread, t)
  View(spread)
}


# Append row names
rownames(spread) <- rowNames
View(spread)
```

```
# Fill in ID from posenet chart
for (i in 1:34) {
  spread[i,1] <- floor((i-1)/2)
}
# Similarly for coord's
for (i in 1:17) {
  spread[2*i,2] <- 'Y'
  spread[2*i-1, 2] <- 'X'
}

# Append col names
colNames <- c('id', 'coord',  1:k)
colnames(spread) <- colNames
View(spread)
```

```
# Experiment here
data <- spread

#plot(data[1, 3:24], data[35, 3:24])
#plot(data[2, 3:24], data[35, 3:24])
#ggplot(data[1:34, 3:24])
```