

Pearsons Correlation

```
73 #Chapter 10 - Correlation |
74 z <-y[is.na(y$v23)==0 & is.na(y$v36)==0,]
75 cor(z$v36,z$v23)
76 #the correlation between involemnt and income does nit have a strong c
```

73:27 (Top Level) ↕ R Script ↕

Console Terminal × Background Jobs ×

R 4.2.2 · /cloud/project/ ↗

```
> z <-y[is.na(y$v23)==0 & is.na(y$v36==0,]
Error: unexpected ')' in "z <-y[is.na(y$v23)==)"
> z <-y[is.na(y$v23)==0 & is.na(y$v36==0,]
Error: unexpected ')' in "z <-y[is.na(y$v23)==0 & is.na(y$v36==0,]"
> z <-y[is.na(y$v23)==0 & is.na(y$v36)==0,]
> cor(z$v36,z$v23)
[1] 0.1091986
Connected to your session in progress, last started 2023-Mar-30 16:41:17 UTC
(7 minutes ago)
>
```

Involvement and income do not have a strong correlation.

Rstudio

```
z <-y[is.na(y$v23)==0 & is.na(y$v36)==0,]
cor(z$v36,z$v23)
```

The variables I am examining are v23 and v36. V23 is family involvement with the activity, and variable V36 is household income. When looking to see if there is a correlation between both v23, and v36, we can see that there is not a strong correlation. What this means, is that there isn't a large difference or correlation between household income and family involvement.