I have a dataframe with following fields representing 228 municipalities (comuni in Italian) in the regione Marche, in Italy

> names(db)

[1] "cod\_istat" "provincia" "territorio" "popolazione" "over65" "over80"

[7] "perc\_65" "perc\_80" "prop\_over65" "pop\_giovani" "perc\_giovani" "indice\_inv"

[13] "adi\_presenza" "adi\_utenti" "adi\_spesa\_tot" "adi\_spesa\_utenti" "adi\_spesa\_ssn" "adi\_spesanetta"

[19] "sad\_presenza" "sad\_utenti" "sad\_spesa\_tot" "sad\_spesa\_utenti" "sad\_spesa\_ssn" "sad\_spesanetta"

[25] "rsa\_presenza" "rsa\_utenti" "rsa\_spesa\_tot" "rsa\_spesa\_utenti" "rsa\_spesa\_ssn" "rsa\_spesanetta"

[31] "prop65\_map" "prop80\_map" "spesa\_tot" "utenti\_tot" "spesa\_utente" "spesa\_citt65"

[37] "ipertensione" "ipo\_iper\_tiroidismo" "asma" "bpco" "diabete" "diabete\_complicato"

[43] "cardiopatia\_ischemica" "scompenso\_cardiaco" "demenze" "irc\_non\_dialitica" "ricoveri\_totali" "ricoveri\_pat"

[49] "perc\_ricoveri" "ipertensione\_w" "ipo\_iper\_tiroidismo\_w" "asma\_w" "bpco\_w" "diabete\_w"

[55] "diabete\_complicato\_w" "cardiopatia\_ischemica\_w" "scompenso\_cardiaco\_w" "demenze\_w" "irc\_non\_dialitica\_w" "ricoveri\_w"

[61] "perc\_ricoveri\_w" "reddito\_2019" "totale\_stranieri" "stranieri\_over\_65" "istruzione\_bassa"

Can you write the code in R to create a table where the rows are the diseases ("ipertensione" "ipo\_iper\_tiroidismo" "asma" "bpco" "diabete" "diabete\_complicato" "cardiopatia\_ischemica" "scompenso\_cardiaco" "demenze" "irc\_non\_dialitica"), the columns are the values in the field “provincia”, and the cells contains the sum of the values for each disease by provincia with the proportion over the value “ricoveri\_totali”

Use the packages dplyr and janitor if possible

Can you write the code in R to create a table with le list of the 15 comuni with higher number of people over 65 years old (“over65”) among those with a population “popolazione” higher than 2000 people. The table should be ordered in descending order according to the value in “over65” field and show also the total population “popolazione” and the proportion of over 65 on the population (“perc\_over65”).

Please use dplyr package to create the table.

can you now transform the table in a flextable object and translate the column names in Italian?

The flextable should show the proportion in percentages, with only one digits, and be autofit()