TIDYVERSE CHEAT SHEET

I want to	HDYVERSE CI	Pkg	Example Code
Set working			setwd(dirname(rstudioapi::getActiveDocum
directory	- set working dir to script dir	rstudioapi	entContext()\$path))
Read in data	- Read in a CSV, TSV, or other delimited	tidyverse	read_csv("filepath"), read_tsv("filepath")
nedd iii ddid	nead in a cov, rov, or other delimited	tidyverse	read_delim("filepath ", "delim")
		readxl	read_excel("filepath ")
Combine data	- Stack tibbles on top of each other	tidyverse	bind_rows(list or vector of what to bind)
Combine data	- Combine tibbles side by side	tidyverse	bind_cols(list of vector of what to bind)
	- Combine tibbles side by side - Combine tibbles with a common column	•	_ :
		tidyverse	full_join(), left_join, etc
Vious data	that uniquely identifies each row	+iduntarea	etulnomo OfTibble)
View data	- View tibble structure and data types of	tidyverse	str(nameOfTibble)
	columns		. / 0071111
	- View tibble in new tab, R Studio only	tidyverse	view(nameOfTibble)
•	- Standardize column names	janitor	clean_names()
(tibble) columns		tidyverse	mutate()
	 within mutate(), recode row values 		case_when(statement 1, statement 2,)
	within a column		
	 within mutate(), change data type to)	as_factor()
	factor	-	
	- Merge multiple columns together by	tidyverse	unite(data, vector of column names, joining
	pasting strings together		character, TRUE to remove used columns)
	- Separate single column into multiple	tidyverse	separate()
	columns		
	- Rename a column	tidyverse	rename(data, new name = old name)
	- Remove or reorder columns	tidyverse	select()
	- Helper functions for specifying which	tidyverse	starts_with("pattern")
	tibble columns to modify	tidyverse	ends_with("match")
	,	tidyverse	contains("match")
Manipulate data	- Remove some of the rows using values	tidyverse	filter(data, by)
(tibble) rows	from columns	,	
(dibble) 10 Ws	- Remove rows with all NA	tidyverse	drop_na()
	- Sort tibble rows by column values	tidyverse	arrange(data, column)
	- Group rows by column values	tidyverse	group_by(data, variables or computations to
	- Group rows by column values	tidyverse	
	Domovo gravnings	tidunarca	group by)
Manipulata data	- Remove groupings	tidyverse	ungroup(columns)
•	- Combine data rows within groups,	tidyverse	summarise(data, function, grouping
	creating a new tibble with columns		structure)
columns	determined by the groups and rows		
simultaneously	determined by the function applied to the		
	groups. Depends on group_by()		
	- Stack columns with common data into a	tidyverse	<pre>pivot_longer(data, columns to pivot,</pre>
	single column, and adding a column with		names_to = "NAME", values_to = "VALUE")
	categories that describe the original		
	columns		
	- Unstack columns according to another	tidyverse	<pre>pivot_wider(data, columns to pivot,</pre>
	categorical column, one new column per		names_to = "NAME", values_to = "VALUE")
	category		

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ole strings into a single string atched patterns in a string t matched pattern in a string matched patterns in a string sing values of a string a pattern action to each element of a list gic	tidyverse	str_c("string1", "string2", sep="") str_remove(string, pattern) str_replace(string, pattern, replacement) str_replace_all(string, pattern, replace) str_replace_na(string, replacement) str_to_upper(string) str_to_lower(string) str_subset(string, pattern) str_detect(string, pattern) str_which(string, pattern) map(list or vector, function, additional arguments) if_else(condition, if true, if false) %>%
atched patterns in a string t matched pattern in a string matched patterns in a string ssing values of a string as of strings matching a pattern action to each element of a list gic	tidyverse tidyverse tidyverse tidyverse tidyverse tidyverse tidyverse tidyverse tidyverse tidyverse tidyverse	<pre>str_remove(string, pattern) str_replace(string, pattern, replacement) str_replace_all(string, pattern, replace) str_replace_na(string, replacement) str_to_upper(string) str_to_lower(string) str_subset(string, pattern) str_detect(string, pattern) str_which(string, pattern) map(list or vector, function, additional arguments) if_else(condition, if true, if false)</pre>
t matched pattern in a string matched patterns in a string ssing values of a string a string as string as of strings matching a pattern action to each element of a list gic	tidyverse tidyverse tidyverse tidyverse tidyverse tidyverse tidyverse purrr tidyverse tidyverse	<pre>str_replace(string, pattern, replacement) str_replace_all(string, pattern, replace) str_replace_na(string, replacement) str_to_upper(string) str_to_lower(string) str_subset(string, pattern) str_detect(string, pattern) str_which(string, pattern) map(list or vector, function, additional arguments) if_else(condition, if true, if false)</pre>
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issing values of a string ons of strings matching a pattern onction to each element of a list	tidyverse tidyverse tidyverse tidyverse tidyverse purrr tidyverse tidyverse tidyverse	<pre>str_replace_na(string, replacement) str_to_upper(string) str_to_lower(string) str_subset(string, pattern) str_detect(string, pattern) str_which(string, pattern) map(list or vector, function, additional arguments) if_else(condition, if true, if false)</pre>
of a string ns of strings matching a pattern nction to each element of a list gic	tidyverse tidyverse tidyverse tidyverse tidyverse tidyverse tidyverse tidyverse	<pre>str_to_upper(string) str_to_lower(string) str_subset(string, pattern) str_detect(string, pattern) str_which(string, pattern) map(list or vector, function, additional arguments) if_else(condition, if true, if false)</pre>
ns of strings matching a pattern nction to each element of a list	tidyverse tidyverse tidyverse purrr tidyverse tidyverse tidyverse	<pre>str_to_lower(string) str_subset(string, pattern) str_detect(string, pattern) str_which(string, pattern) map(list or vector, function, additional arguments) if_else(condition, if true, if false)</pre>
nction to each element of a list	tidyverse tidyverse tidyverse purrr tidyverse tidyverse	<pre>str_subset(string, pattern) str_detect(string, pattern) str_which(string, pattern) map(list or vector, function, additional arguments) if_else(condition, if true, if false)</pre>
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gic	tidyverse tidyverse tidyverse	arguments) if_else(condition, if true, if false)
	tidyverse tidyverse	<pre>if_else(condition, if true, if false)</pre>
	tidyverse tidyverse	
output to variable	tidyverse	%>%
output to variable	tidyverse	
output to variable	•	nameOfTibble %>% nextcommand()
output to variable	liuyveise	read_excel() %>% nextcommand()
•	tidyverse	tibbleName <- read_tsv() %>%
	•	nextcommand()
e	ggplot2	ggplot()
axes, colors, shapes, etc	ggplot2	aes()
	ggplot2	geom_point()
nnecting data points	ggplot2	geom_line()
	ggplot2	geom_smooth()
al line	ggplot2	geom_vline()
ntal line		geom_hline()
ram		geom_histogram()
		geom_bar()
		geom_col()
·		geom_tile()
•		facet_grid()
		grid.arrange()
		theme_classic()
s, axis titles, etc		labs()
בור ביינו	al line ontal line ram ot in plot nap e based on data columns ent figures s, axis titles, etc	al line ggplot2 portal line ggplot2 pram ggplot2 ot ggplot2 n plot ggplot2 nap ggplot2 e based on data columns ggplot2 ent figures gridExtra ggplot2