Functions used in the tutorial

# roadDB package

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| **Package** | **Function** | **Comment** |
| roadDB | road\_get\_localities() | LOD1, returns localities |
| roadDB | road\_get\_assemblages() | LOD2, returns assemblages |
| roadDB | road\_get\_human\_remains() | LOD2, returns assemblages |
| roadDB | road\_get\_paleofauna() | LOD2, returns assemblages |
| roadDB | road\_get\_paleobotany() | LOD2, returns assemblages |
| roadDB | road\_get\_lithic\_typology() | LOD2, returns assemblages |
| roadDB | road\_get\_lithic\_raw\_material() | LOD2, returns assemblages |
| roadDB | road\_get\_organic\_tools() | LOD2, returns assemblages |
| roadDB | road\_get\_symbolic\_artifacts() | LOD2, returns assemblages |
| roadDB | road\_get\_feature() | LOD2, returns assemblages |
| roadDB | road\_get\_miscellaneous\_finds() | LOD2, returns assemblages |
| roadDB | road\_get\_dates() | LOD3, returns dates |
| roadDB | road\_list\_argument\_values() | Returns list of unique values |
| roadDB | road\_summarize\_archaeology() | Returns a list of tables, where a search term can be found |

# Other packages

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| **Package** | **Function** | **Comment** |
| Base R | library() | Loads an installed package |
| Base R | install() | Installs a package from CRAN |
| Base R | head() | Shows the first few rows of a dataframe |
| Base R | View() | Displays the full dataframe in RStudio |
| Base R | c() | Concatenates objects |
| Base R | rbind() | Combines dataframes |
| devtools | install\_github() | Installs a package from Github |
| sf | st\_as\_sf() | Converts to a ‘spatial feature’ |
| tmap | tmap\_mode() | Switches between static and interactive map display |
| tmap | tm\_shape() | Displays map |
| tmap | tm\_basemap() | Adds dackground map |
| tmap | tm\_dots() | Adds dots on map |
| tmap | tm\_layout() | Modifies layout, incl. legend |
| tidyverse | filter() | Filters rows by constraint |
| tidyverse | select() | Selects columns by constraint |
| tidyverse | str\_detect() | Searches for term in a text string |
| tidyverse | full\_join() | Combines two datasets by matching keys |
| tidyverse | ggplot() | Plots a chart |
| rcarbon | calibrate() | Calibrates C14 Ages |
| rcarbon | summary() | Displays calibration results |
| rcarbon | plot() | Displays an age distribution |
| rcarbon | multiplot() | Displays multiple age distributions |