GGPROTO

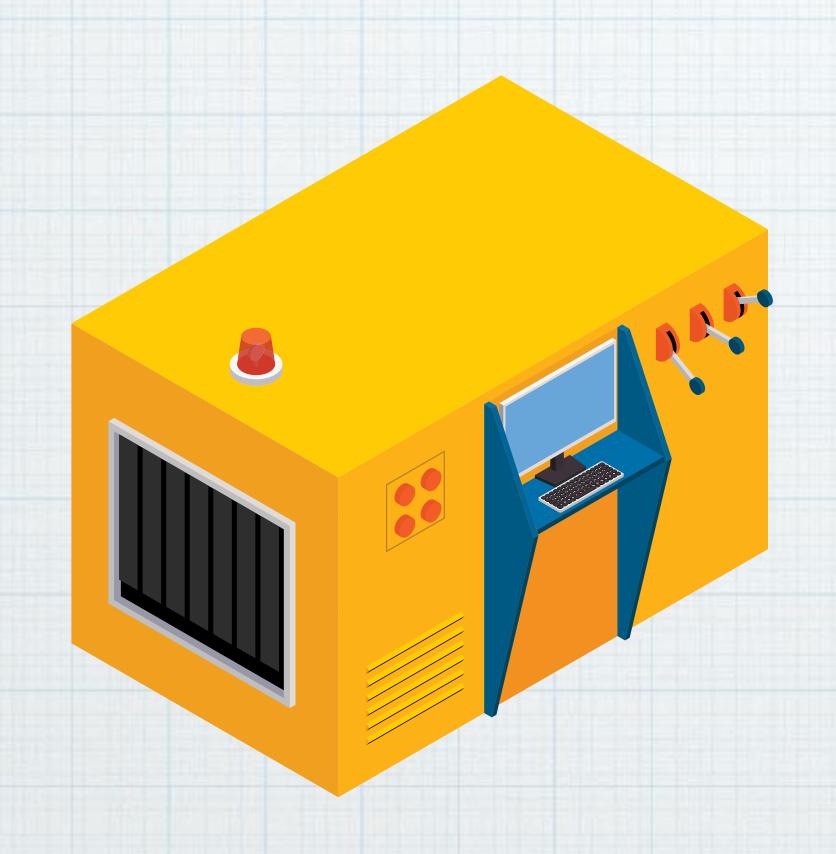


Illustration by macrovector at freepik

setup_params(data, params)

- You want a state? this is your chance
- params that match arguments in [compute|draw]_group() will be passed in

GGPROTO

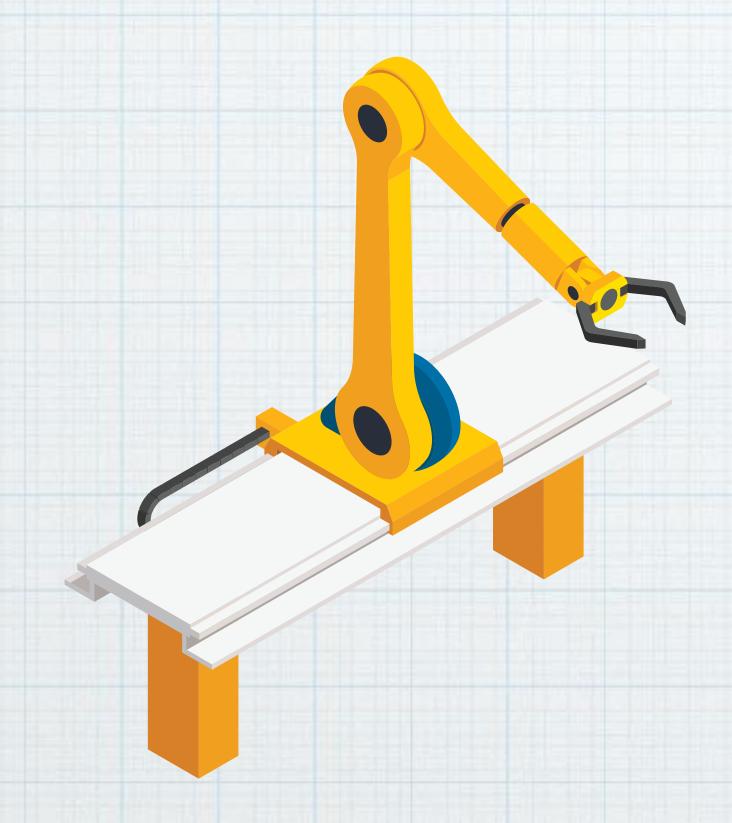


Illustration by macrovector at freepik

setup_data(data, params)

- Reparameterise data
- Make sure all columns are present
- Do full-data transformations