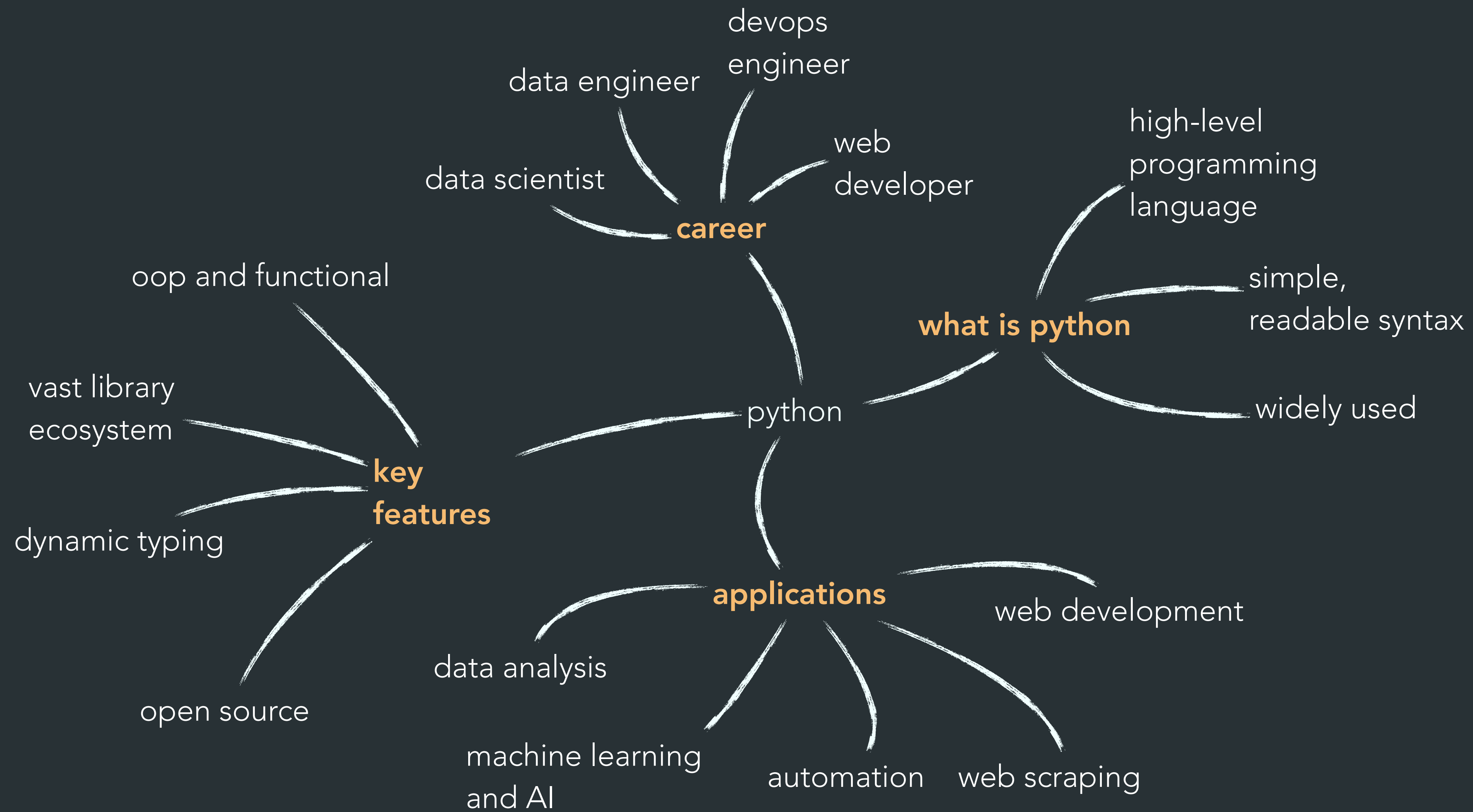




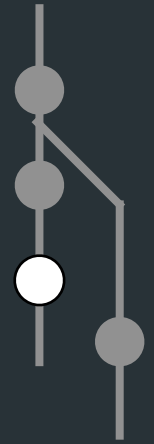
kokchun giang

learning **python**
will open up the
doors to many
fields



a **roadmap** to learning python and data processing

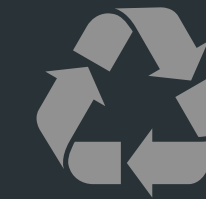
git and **github** to
version control code



error handling
error types , try-
except, raise



reuse code
function, lambda



dashboard
streamlit, dash



a **virtual environment**
isolate packages



handling text
string, regex, file handling



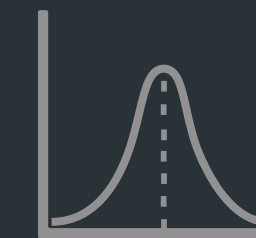
computation
numpy,
vectorization



aggregate data
merge, join, apply



exploratory data analysis
statistics, missing data,
kpis, seaborn, plotly



visualization
matplotlib, data
storytelling



data structures
list, tuple, set, dictionary,
comprehensions



object oriented programming
class, attributes, methods,
properties, decorators,
polymorphism, dataclass,
encapsulation, inheritance

fundamental pandas
series, dataframe,
selection, sort



fundamental python
syntax, variables, data
types, if, while, for

