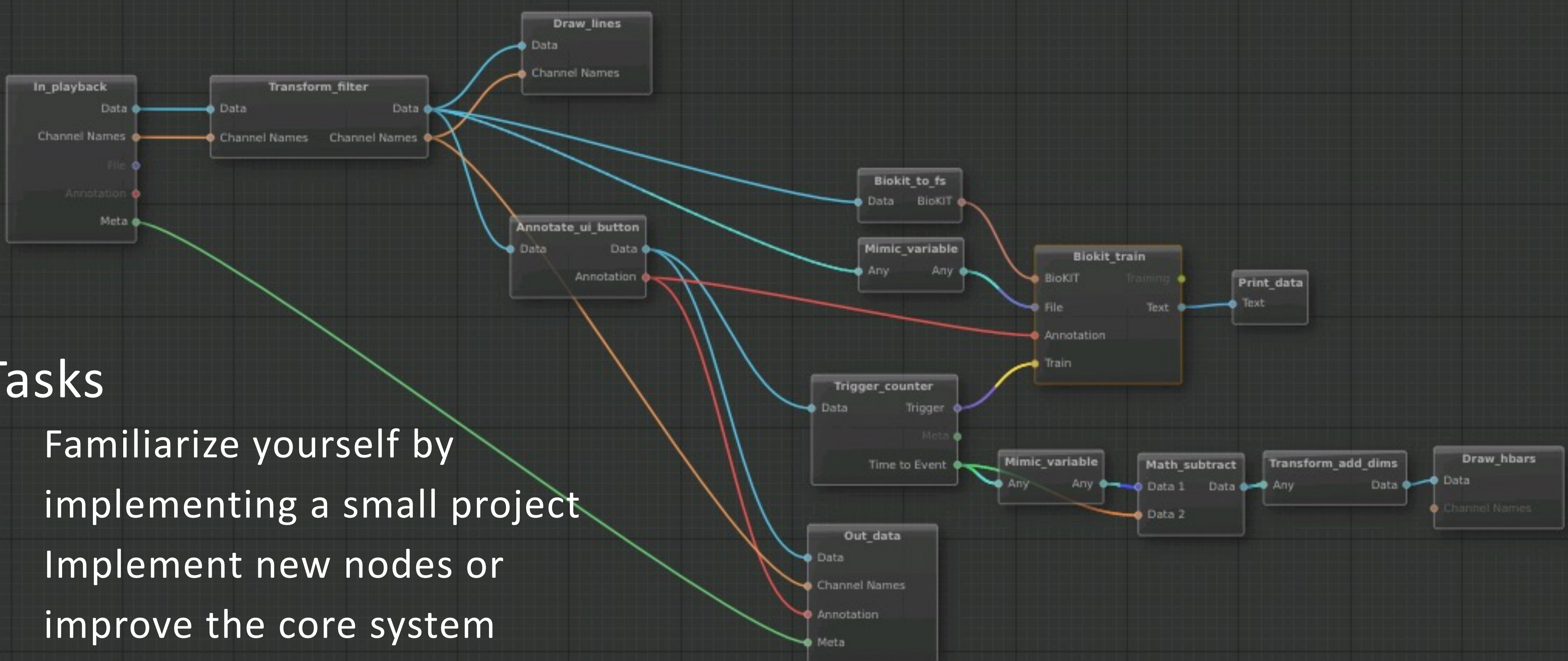


# Student Assistant: Livenodes – Realtime Human Activity Recognition

Livenodes are our in-house pure-python node-based system for real-time Human Activity Recognition, data acquisition and visualization. We are looking for students to develop this further. Possible work includes but is not limited to adding new nodes, implementing distributed computing, or automatically checking if a sensor is placed correctly.



## Tasks

- Familiarize yourself by implementing a small project
- Implement new nodes or improve the core system
- Write tests and documentation for your nodes

## Requirements

- Python and Numpy experience
- Fundamental understanding of ML

All Topics can be extended to a BA/MA thesis!  
 Language: DE/EN

## Nice to have

- Course “Automatic Speech Recognition” or “Biosignale und Benutzerschnittstellen”

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