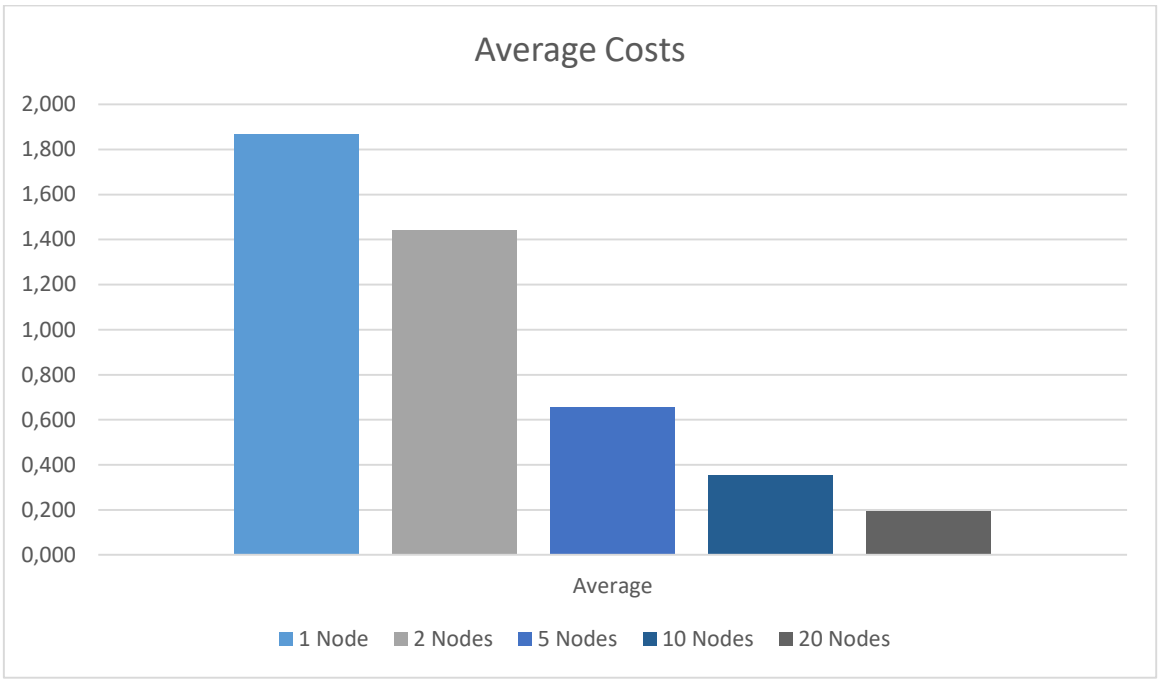
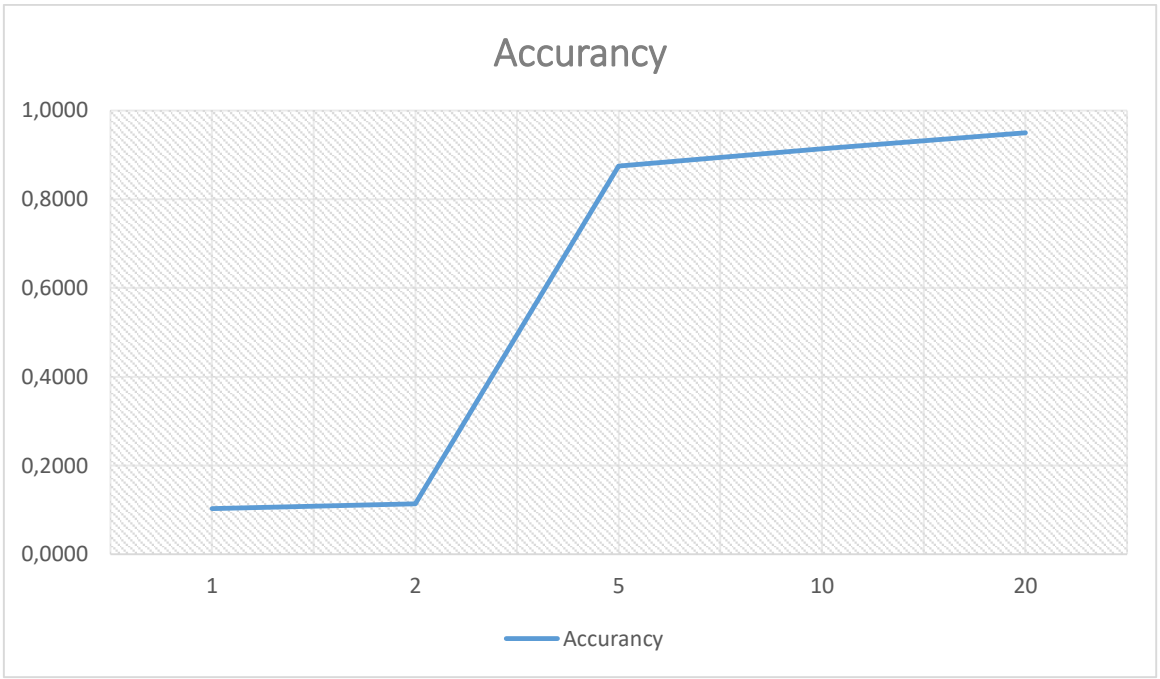
Aufgabe 2a – Vergleiche





b) Advantages and Disadvantages of TensorFlow and PyTorch

TensorFlow	PyTorch
- Creates a static graph - You first have to define the entire computation graph of the model - Then you run your ML model	- Creates a dynamic graph - You can define and manipulate your graph on-the-go - Useful for variable length inputs in RNN
- Tensorflow has more steep learning curve than PyTorch - You have to learn a bit more about Tensorflows working (session, placeholders, etc.) → difficult to learn	- Building ML models feels more intuitive
- Bigger community behind it than PyTorch → easier to find resources and solutions	- Relatively new framework
- TensorBoard	- There are no supported tools and integrations for TensorBoard