### HPC-DA – Project Status\*

**Title of Project (acronym, if known)**

Your Name

Date

# 1 Goal of the project (global)

Please describe here shortly the scientific goal of the project.

# 2 Status of the project

# 2.1 Previous scientific results

Please give a short description of the current scientific results of your project that you have got in the context of usage of the high performance computers at ZIH.

Please also enter the classification of the subject area here: Does the project belong to Deep Learning, another field of Machine Learning or AI or is it in the area of Data Mining? Do you work with measurement data, image/video data?

What insights did you gain by using which methods / software?

## 2.2 References

Please tell us if you have published some papers in that period under report and the papers present results of the consumed CPU time.

[1] Programming languages - C++, ISO/IEC 14882

# 3 Plan

## 3.1 Next steps in this project

Please describe here the next steps of the project that you would like to solve with the compute power at ZIH.

## 3.2 Applied resources

|  | CPU hours | GPU hours | Permanent Disk Space | Temporary Disk Space | NVMe (Blockdevice/Filesystem) (TByte) | S3-Object Storage (TByte) |
| --- | --- | --- | --- | --- | --- | --- |
| Bull PC-Cluster(Taurus) |  |  |  |  |  |  |

HPC resources at ZIH have to be applied for annualy.

Based on the knowledge of the resources used, such as CPU hours and memory/disc space, it may be necessary or useful to extend the originally approved quota. If you consider this to be necessary, please write here a short reason why you need more.

# 4 Information of contract research (no BMBF, EU, DFG, …)

Please give us an update of the information, if your project is contract research (industry). Please mark it with a cross. Thank you very much!

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