**BDSi DATA SCIENCE GRANT APPLICATION TEMPLATE**

**General Notes**

To avoid wasting time, we invite all applicants to discuss their proposal with us before writing a full application. We can then discuss if the proposal is feasible within the limitations of this grant. We can also provide input on the time required for various tasks.

Preferred Format: font size: 10, font: Arial, line spacing: 1. Please do not exceed the maximum number of words for each section. We prefer short and concise proposals. Complete the application entirely in English.

Deadlines, submission, selection procedures, and other details can be found on our website, <https://bdsi.bms.utwente.nl/data-science-grant>. If you have any questions about the application process that are not addressed on the website, do not hesitate to contact us at bdsi@utwente.nl.

# Project summary

## Title of research proposal

## Keywords

## Summary (max 300 words)

## Public summary (50-100 words)

Please provide a short title, and a 50-100 words summary. The public summary will be used on the BDSi website to describe your project to the world. Keep the following guidelines in mind:

* Use comprehensible, everyday language and be as specific as possible. For example, do not write ‘the mechanism underlying apoptosis will be examined’ but ‘the researchers will use microscopes to look for the reasons for spontaneous cell death’.
* Write the summary in such a way that you feel you ought to be including terms like ‘basically’, ‘put simply’, ‘roughly speaking’ and ‘in lay terms’ – but do not actually include them!
* Write in the third person, do not write in terms of ‘we’ and ‘us’ but use terms like ‘researchers’, ‘biologists’, ‘literary specialists’, etc.

If you have images, video, or other multimedia resources that can help describe the project, please include them (or links to them) in the summary.

# Research proposal

## Description of the proposed research

### Overall aim and key objectives (max 500 words)

Please explain:

* scientific relevance and challenges
* originality and innovative character
* research approach.

### Project members (max 200 words)

Please provide a short description of the project members. Make sure to include:

* Name, affiliation and main contribution of your collaborators
* Role description/main contribution of BDSi data scientist(s)

### Project plan (max 200 words)

Please provide a practical timetable/timeline over the grant period.

* milestones for the project with deliverables
* estimated workload in hours for each milestone, for each project member

Feel free to contact BDSi to discuss what a realistic estimate of workload for various data-science related tasks might be.

### Follow-up (max 200 words)

Please describe:

* How will this project help you further your research. ( e.g., does the project lead to (external) grants, publications, etc.)
* How will you communicate results with the research community, as well as the public
* If applicable, how will you share data, software, and other relevant outcomes (e.g., interactive visualizations)

# Literature

Please provide up to 5 references that, as a whole, best represent the project.