## Package Description Form Template

Development name

|  |
| --- |
| dsML |

Name of server-side packages

|  |
| --- |
| dsML |

Name of client-side packages

|  |
| --- |
| dsMLClient |

Date this information was late updated/checked

|  |
| --- |
| 15/06/2021 |

Description of packages purpose

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| --- |
| Non-disclosive Machine learning functions. Currently the methods being supported are:   * PCA * SVD * K-means * KNN * FAMD |

How to contact developer institution/team/individual

|  |
| --- |
| Xavier Escribà-Montagut (xavier.escriba@isglobal.org ) |

Latest version

|  |
| --- |
| 0.9 |

Type distribution licence

|  |
| --- |
| MIT |

Methods of obtaining package

|  |  |
| --- | --- |
| CRAN address | - |
| GitHub account, repository and branch/tag | https://github.com/isglobal-brge/dsML  https://github.com/isglobal-brge/dsMLClient |
| Web-site/ftp-site/other | - |

What versions of R work with the package?

|  |
| --- |
| ≥ 3.6.0 |

What R packages do the packages depend on?

|  |  |
| --- | --- |
| dsML | mlr  dsBase |

Status

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| --- |
| In beta. Some of the functionalities are solid but the package is not yet finished, more functionalities are expected to be included in the first formal release. |

|  |  |
| --- | --- |
| Is the package tested? | No |
| Is the package documented? | Yes, a vignette linked on the GitHub repository README |
| Has the package had a disclosure audit? | No |

Is the package suitable for deployment in the production environment? (Yes/No)

|  |
| --- |
| No |

Does your package have features to protect the privacy of data, or does it just provide remote analysis functionality?

|  |
| --- |
| Yes, the implemented methods have built in features to protect the data returned to the client. |

Additional Information

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