**Package and version information**

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| Package name | Version | Description |
| Numpy | 1.19.5 | Numpy is the fundamental package for array computing with python |
| Pandas | 1.0.4 | Powerful data structures for data analysis, time series, and statistics |
| Matplotlib | 3.3.2 | Python plotting package |
| Sklearn | 0.22.1 | A set of python modules for machine learning and data mining |
| XGBoost | 1.2.1 | A set of python modules for machine learning and data mining |
| Imblean | 0.0 | Toolbox for imbalanced dataset in machine learning |
| PDPbox | 0.2.1 | Python partial dependence plot toolbox |
| SHAP | 0.39.0 | Toolbox for exploring how the input features contribute to the output of a complex machine learning model |