

DP0 tutorial on survey property maps and systematics correction

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30-11-2022
LSST-France meeting

DP0: survey property maps and systematics correction

In this presentation we will see some examples of survey property maps, maps that track spatial variations concerning the imaging of the survey. We will use `healsparse` to visualize and manipulate them. In addition to this, we will discuss how to evaluate the impact that different observing conditions can have on data. In particular, we will see some examples of 1D relations, which are the basis of some systematic decontamination methods such as those performed for the DES-Y3 galaxy clustering analysis

Links to the tutorial:

1. Go to Rubin Science Platform: <https://data.lsst.cloud/>
2. Click on notebooks
3. On “Image” select “Recommended (Weekly ...)” and on “Options” select “Large (4.0 CPU, 12288M RAM)”
4. Go to `notebooks/delegate-contributions-dp02/survey_property_maps/`
5. The notebook that we are going to use for this tutorial is `02_demo_binning_and_PCA.ipynb`