# **OS:** Ubuntu 19.04

# Scripts for Data Acquisition with Baper-based Surveys (**SDAPS)** is an open source optical mark recognition (OMR) program written in python and has an integrated worrkflow with LaTex to create questionnaires. Thus in order to use this program, three main components must be installed *viz* sdaps, latex engine and Tex IDE. The designer/programmer can pick a Tex IDE of choice, but the usage of TexMaker is extensively covered in this documentation. Installation of each component is described below:

SDAPS INSTALLATION

-Add PPA(stable)

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| --- |
| [PPA (stable)](https://launchpad.net/~benjamin-sipsolutions/+archive/sdaps-stable/) or  [PPA (unstable)](https://launchpad.net/~benjamin-sipsolutions/+archive/sdaps/) and other Debian-based Distros like LinuxMint.  sudo add-apt-repository ppa:benjamin-sipsolutions/sdaps sudo apt-get update sudo apt-get install sdaps |

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**LATEX ENGINE AND IDE**

**CONFIGURATION**

* **SDAPS**
* **TEXMAKER**

**DOCUMENT DESIGN**

**CREATING SURVEY/QUESTIONNIARE**

**ADDING RESPONSE SHEET TO PROJECT**

**MARKING SHEETS**

**VERIFICATION / MANUAL CHECKING OF SHEETS**

**GENERATING SDAPS CSV REPORT**

**DATA CLEANING AND MUNGLING**

**EXPORTING TO PREFERED FORMAT e.g. .csv**