

Introduction: For this project I have created an Elections Management System which encompasses detailed records for individuals, election staff, places, ballots, voting registry, and cast votes. Key components include a 16-digit personal identification number, detailed personal information, staff roles, place specifications, unique voting centers, and stringent rules to maintain the integrity of the voting process.

In this project I have accomplished the creation, maintenance, and use of this management system in the sql workspace as well as with the python notebooks interactive ipython-sql link. There are sql files to create the database, create the tables for the database, load those tables, query those tables, and finally there is a python notebook to interact with that database. Throughout this project I have implemented the constraints set out in the project documentation, especially those to have sufficient input for interactive activities present in the python notebook.