**Part 1**

**Characteristics:** DOB, race, number of mild offenses, medium offenses, severe offenses, disciplinary record.

**Part 2**

The analytical solution chosen by management is the following:

Potential Re-offending Prediction Model

A model should be built which would predict the likelihood of an inmate re-offending after release within two years.

This model will assist prison wardens making judgement with regard to early releases or the establishment of programmes to counteract negative impacts on prisoners nearing release.

It could also be used to highlight potential high risk re-offenders to parole officers and for them to take corrective action.

The hope is that the mode should provide the following assistance to prison authorities and parole officers:

Assist in the discussion around the potential early release of Prisoners

Help in the creation of a high risk re-offenders list for prisoners on parole

Help in the creation of a high risk re-offenders list for prisoners released within the last two years

Help in the creation of a high risk prisoners list – those who need addressing while in prison so as to try alter their potential for re-offending

Assist in highlighting prisoners who need to go on specific programmes prior to release.

You are now building the ABT table for the Potential Re-offending Prediction Model