**Aim**: Use a COCOMO model to estimate the effort for the project.

**Theory**:

COCOMO is an open model, which includes

\_ The underlying cost estimation equations,

\_ Every assumption made in the model,

\_ Every definition,

\_ The costs included in an estimate are explicitly stated.

The most fundamental calculation in the COCOMO model is the use of the Effort Equation to estimate the number of Person-Months required to develop a project. The COCOMO II model makes its estimates of required effort (measured in Person-Months ï¿½ PM) based primarily on your estimate of the software project's size

Effort = 2.94 \* EAF \* (KSLOC)E

Where,

EAF Is the Effort Adjustment Factor derived from the Cost Drivers

E Is an exponent derived from the five Scale Drivers

Duration = 3.67 \* (Effort)SE

Sample

**Output**

