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BA/DA Training

Assignment 13

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**As-Is and To-Be Business Process**: As-is diagram describes the present state of the organization’s process, culture, and capabilities and To-Be diagram describes the future state; how the organization’s process, culture, and capabilities will appear in the future. This As-Is and To-Be process results in identifying the difference between the current and target business state, known as gap, which is an important part of improvement initiative/business process.

The main purpose of an as-is diagram is to work out where improvements are needed and what is the starting point for change whereas to-be diagram requires business analysts to be creative in solving problems and designing processes to achieve business outcomes.

As-is and to-be process analysis go hand-in-hand when you are evaluating business processes, As-Is maps where your processes are and To-be maps where you want them to be. Keeping records of both documents will help everyone in the organization maintain process consistency and track progress and outcomes more effectively.

**Pareto**: The Pareto Principle idea is that 20% of the work will get you 80% of the results or in other words; 80% of the results, outputs or rewards, are generated from only 20% of the causing inputs or efforts. Pareto principle is the basic guideline to practical investing with an idea of putting 20% effort on research and getting 80% profit out of it.

**I.N.V.E.S.T:** INVEST is a simple guide to write meaningful User stories.

* I – Independent – (stories should be as far as possible independent so each of them could be developed and delivered separately.
* N – Negotiable – (User Stories should discussable further and there should be space of negotiation)
* V – Valuable – (User Stories should result in adding value to the customer)
* E – Estimable – (User Stories should be understandable enough so could be divided into the task and could get estimated)
* S – Small – (User Stories should not be too big, usually should be done in 40 hours of work)
* T – Testable – (User Stories, usually have acceptance criteria to test if they fulfill customer’s needs)

Keeping them in mind, while you are writing a user story helps development teams from unnecessary hassle of digging correct information later.

**Union and Union all**: The UNION command is used to select related information from two tables but when using the UNION command all selected columns need to be of the same data type. The UNION ALL command is equal to the UNION command, except that UNION ALL selects all values. The difference between Union and Union all is that Union all will not eliminate duplicate rows; instead it just pulls all rows from all tables fitting query specifics and combines them into a table.