

Business Intelligence for Decision Making

The adoption of information and communication technologies has been widely grown until it reached its peak, as all the enterprises are seeking for development, more efficiency in their operations, and always seeking to find the suitable candidates with the right competencies to fulfill the job tasks properly in order to achieve more performance.

Decision-making tactics in organizations are having different forms, but they are sharing some problems that may lead to errors in some cases, which will mostly have subsequent consequences. Addressing such problems and seeking to find fair solutions have been made so far. However there is still room for improvements in this field as decisions which are usually made based on Heuristics, Over-confident or Illusory-correlation are having many dimensions, hence the existence of advanced technologies and the cloud is providing a source of information to help maintain a more balanced decisions. The creation of portals concerning specific industries can be valued hubs of information, and the ability to provide analytical services will be extremely valuable for organizations to make decisions on short notice.

In accordance to the historical evolution of the management systems and decision-making, when we look back we find out that there was a limitation of data support systems, however if we look nowadays we can find the ease of storing, assembling, analyzing and finally interpreting data into a well-based subsidiary database, which can be enormously beneficial in decision-making in rational approaches. The Study will discuss the different aspects of systems and applications that are already in use for leading organizations to make decisions, also the different forms of modifications which can be applied on existence systems and platforms for the sake of better analysis and more wise decisions accordingly.

There will be an intensive investigation in this study of the reasons to improve decision-making mechanisms, as errors in decisions are usually costly, and can waste a lot of money, time and efforts, especially in this Era where all sectors are interconnected and the economy is becoming more globalized, and so any decision that is not aligned or situated correctly may have

inappropriate implications on a broader swath of society, and more sectors and industries might be affected as well. Therefore knowing what to take into account when delivering a decision is very crucial and will be more advantageous to a great extent, as there will be well-planned preparatory steps before commencing with any action. On the other hand, it could prevent any loss or failure when implementing the decisions' phases.

Projects in all its shapes vary in size and complexity, whether we are talking about personal, business or even governmental projects, yet they are all sharing many aspects, and the driving factors of project's success are based mainly on decisions with regard to interrelated aspects including the allocation of tasks, specifying milestones, resources, priorities set in the schedule, and mainly identifying dependencies for each task, the use of information technology in this area maximized the project's efficiency, applied further enhancements on decision-makings and filled-in many gaps which were obscuring the guidance for project success. defining those gaps are critical and are assorted according to the project type and the business field, In this context I am willing to discuss different scenarios in this research to further demonstrate the enhancement which can be made to the concurrent mechanisms, thus it will give a bigger picture of what can be done, and may present bright insights that can be applied within the five PM process groups.

Throughout the study, critical success factors should be categorized, analyzing the reasoning upon which these factors are specified, including the organization's vision or the project's objectives, the variables underlining these decisions, and more likely I will introduce some questions which will be used for making further research on how to optimize business processes and make a full utilization of the business systems tools and applications for the sake of development in enterprises. Additionally Identifying the set of relationships between organizations and their effect on one another, how it may affect decision making, and what kind of development can be obtained by acquiring such data. However previous experiences has shown that the top results of businesses can be achieved by combining the different aspects of business economics with an appropriate employment of the information and communication technologies. And thus hiring employees who has acquired those skills in a company will be very beneficial as well.

In addition to the aforementioned, indoor decisions apparatus can be optimized by enriching the artificial intelligence applications by integrating smart social systems for the employees within the organizations, which can analyze bulks of information regarding the facilitation of tasks, further processes' improvements, defining personal attributes and attitudes, and so trying to have a more clear vision of employees' strengths and weaknesses, their motivations and their abilities.

At all events, besides the regular research that will be conducted in this study, deductive research will take part as well. As by presenting more different scenarios more questions will be unleashed, likewise, the more of information's transparency unclouded, the more empowerment of decision-makings will be prevailed.

Best Regards,

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