

● *Financial leaders manage data challenges*

Financial leaders in organizations are looking for alternatives to take competitive advantage to provide shareholders and investors with timely information.

More and more organizations are dedicating resources to demand Data Science projects to realize digital transformation. Companies that implement Data Science at this time, will have advantages over the competition.

Globally, the number of organizations that have to make use of structured and unstructured data is growing every day. For this, it requires professionals who know the practices in this discipline of Data Science and thus form the areas of data-driven analytics.

Human talent in Data Science is very important and requires soft-skills and hard-skills. In addition, having a solid foundation of knowledge in the disciplines of mathematics, statistics and computer science. Data Science demands complex skills, therefore, the ideal professional would be with vast experience and knowledge and human intellect, as interpretations and analysis based on data are performed.

● *Financial analyst skills*

Organizations are narrowing the gaps from the hiring process and with training of human talent for analytical tasks, taking actions to recruit people with skills such as: corporate finance, quantitative finance, forecasting research, financial modeling techniques, analytics, technology literacy, communication and writing, mathematics, statistics, leadership, decision making, attention to detail, foresight and critical thinking.

● *Barriers to Reach Financial StoryTelling*

For organizations, financial analysis is very important to generate quantitative reports, now with the digital transformation with Data Science and Advanced Data Analytics, shareholders and investors seek to know what is inside those numbers known as "StoryTelling".

There are many barriers that organizations will face, to develop projects in Data Science, the most common in this discipline are the following:

- ✓ Digital Finance Competencies
- ✓ Analytical Knowledge Gap
- ✓ Technological Literacy
- ✓ Tied up with Legacy Systems
- ✓ Lack of Time
- ✓ Manual Task Take Too Much Time
- ✓ Collecting Meaningful Data
- ✓ Data from Multiples Sources
- ✓ Visual Representation of Data
- ✓ Shortage of Skills

Even finance professionals are involved in routine tasks of calculating, manipulating, validating critical information, reconciling accounts, financial closing and other time-consuming tasks that do not allow them to move forward and dedicate the time to analytics.

Defining a path forward for finance leaders to gradually move into implementing advanced analytics models through short-, medium- and long-term exploratory projects with tangible visible results is feasible. These projects can be managed concurrently with corporate projects that organizations have undertaken on a global basis.

With small exploratory projects with financial information has much relevance and adds value to the achievement of StoryTelling in Data Science overcoming the current barriers to digital transformation. With these projects focused on finance departments it allows to establish plans and strategies with a broad vision of the current situation to make corrections and present initiatives for the rest of the organization as well as mitigate risks for a healthy operation and financially sustainable growth.

Data Science is the new discipline in data analysis for organizations to make better decisions before regulations and analysis with new perspectives for investors.