Organizes 40 Hours Virtual Training Program on

BUSINESS ANALYTICS

for Future Managers...

Organaised by :

Primax Foundation

(Registered Under Karnataka Societies Registration Act 1960,
Reg. No. JNR-S211-2015-16, IT Exemption 12A & 80G)
MSME Reg. No.: UDYAM-KR-03-0144791
Bengaluru, Karnataka, India

In Collaboration with

Indian Global Software Solutions

(Directorate of Industries and Commerce, Government of Karnataka)

Vijayanagar, Bengaluru, Karnataka, India

04-05-2022
to
23-05-2022

07.00 PM to 9.00 PM

For Registration

CLICK HERE

About the Program

This program provides a complete overview of the Business Analysis domain and prepares you for the role of a Business Analyst with help of practical skills, with real-world case studies, extensive hands-on practice and classes handled by Industry / corporate experts. This Training Program is designed for graduates in any discipline and experienced professionals from diverse backgrounds to provide an extensive business analysis education. Students also have access to mentorship sessions that provide a high-engagement learning experience and real-world applications to help essential business analysis skills. This training program gives a broad exposure to statistical concepts, business analysis elements, life cycle management, data analysis and visualization with Python and tools like Excel, Power BI, and Tableau to help prepare you for an exciting career in Business Analysis.

Primax Foundation

Primax Foundation was established in the year 2015 and it was registered under the Karnataka Societies Reg. Act 1960 with IT exemption 12A & 80G. Primax Foundation is a non-profit organization committed towards the quality of Research & Training programme to young generation living in villages. The primary aim is to ensure employability for the students and mould them to suitably fit into all aspects of corporate requirements. The Founders and the team members have expertise in the relevant areas to understand, guide and direct its clients towards fulfilling their objectives and realize their future dreams. Primax has envisioned to provide educational & training services in the area of Skills Training & Development for Higher Education, Entrepreneurship Education, Management Consulting and Research activities. It's initiatives have been appreciated by all the Professionals for the betterment of the Youth of our Nation.

ABOUT IGSS

PC HARDNET has set its mark in the year 1999 and established itself in the field of IT Industry by providing customer support in Hardware, Networking and Software development. It is associated with many companies like, IBM, HCL, DELL and recognized as reputed partners to provide total solutions on IT. It is also recognized under CETE (ministry of Government of India). Now PCHARDNET has diversified its business solutions under the banner "IGSS Education and Consultancy".

OUR TRAINERS

Dr. Deepak. R
Associate professor
Ramaiah institute of Technology
Bengaluru, Karnataka, India

Dr. Ramesh Kumar
Corporate Trainer
Six Sigma Green Belt &
Black Belt Certified, Bengaluru,
Karnataka, India.

Mr. Satish Kumar S
Corporate Trainer
Bengaluru,
Karnataka, India.

Mr. Vijay Santhosh Kumar Krishnan
Certified Machine Learning Expert from Wiley's
Corporate Trainer
Bengaluru, Karnataka, India.

Ms. Kanchan Menghnani
Data Scientist and Educator
Sr. Business Analyst
Pune, India

Dr. Butchi Babu Muvva
Corporate Trainer
Bengaluru,
Karnataka, India.

Mr. Kiran Babu C .V
Data Scientist and Educator
Bengaluru,
Karnataka, India

COURSE CONTENT

Business Analytics for Non-engineers: A Practioners Approach

Session	Topic	Outcomes	Topics Covered
1	**Microsoft Excel (Basic and Advanced)**	To inculcate a sense of why need for programming occurred irrespective of excel	1. Introduction to Microsoft Excel 2. Introduction to working with datasets using functions, data analysis toolpak and macros. 3. Relevance of Excel to learning programming methods
2	**Microsoft Access (Basics and application to Database Management System)**	To inculcate a need for maintaining a structured way to store and retrieve data	1. Introduction to Microsoft Excel 2. Introduction to storing and retrieving data using queries. 3. How to query the data from relational datasets 4. Relevance of Access in being business analyst
3	**R-Programming (Basics)**	To Provide awareness on what can be achieved in R over Microsoft Excel when handling larger datasets	1. Introduction to importance of R over Excel 2. Concepts of types, data structures, functions in R 3. Introduction to programming fundamentals in R 4. Importance of library packages and its relevance to analytics
4	**Data Visualization (Excel and R-programming)**	To provide one-to-one comparison between what insights can be drawn using both platforms	1. Introduction to visual metrics advantages and disadvantages of R over Microsoft Excel. 2. Introduction to grammar of graphics(ggplot) 3. Understanding the layers involved in visualization 4. Building visualizations using ggplot and comparing with Microsoft Excel

Session	Topic	Outcomes	Topics Covered
5	**Python Programming (Basics)**	Examine the basics of R-programming in comparision with Python	1. Introduction to importance of Python over Excel 2. Concepts of types, data structures, functions in Python 3. Introduction to programming fundamentals in Python 4. Importance of library packages and its relevance to analytics
6	**Understanding machine learning basics**	To provide theoretical background into what machine learning means for common man	1. Understanding the field of AI and its various sub-areas 2. Understanding Machine learning and its classifications 3. Understanding of concepts of Machine learning using solved cases.
7	**Practical approach to descriptive and Ifnferential Statistics comparing excel, r-programming and python programming**	Helps to build foundation based on statistical concepts of inference and application.	1. Introduction to descriptive and inferential statistics 2. The relevance of Microsoft Excel, R and Python in addressing descriptive and inferential statistics based problems.
8	**Introduction of Machine learning techniques (case by case)**	Analyse theoretical foundations of supervised, unsupervised learning, and recommendation methods	1. Introduction to structured and unstructured data 2. Concept of unsupervised learning methods and its applications in business analytics 3. Concept of supervised learning methods and its usage and relevance in solving real time problems 4. Concepts of recommendations systems and its applications

9	**Application of Machine learning concepts on structured data**	Solve practical cases of supervised, unsupervised learning and recommendations methods using kaggle datasets and github.	1. Connecting the dots from previous modules
			2. Demonstrations on solving practical cases of relevance in business analytics
			  a. Supervised learning methods vis-à-vis Regression and classification methods
			  b. Unsupervised learning methods vis-à-vis clustering, PCA and factor analysis.

Who Can Join?

- Managers or Employees
- Business owners who need to deal with employees and other people on a daily/regular basis
- Teaching faculty & Resarch Scholar
- Students (UG/PG) who would be working soon with corporates or those wanting to be entrepreneurs

What you will get

- Live classes
- Recorded sessions
- Practical Assignments
- Training Certificate
- E-Materials
- Demo Students Version Business Analytics Software will be provided

Prof. T. Rajeswari
Course Director
President, Primax Foundation,
Bengaluru, Karnataka. India.
Ph: +91- 9108556012
Email : primaxfoundation2015@gmail.com

Mr. Krishna. D.K
CEO
Indian Global Software Solutions,
Bengaluru, Karnataka, India.
Ph : +91- 8884444474
Email : igssacademy74@gmail.com

Happiness comes from giving happiness…