Institute of Management Technology, Hyderabad

Presents Masterclass on:

- **Structured Query Language (SQL)**
  (Date: June 25 - 26, 2022)

- **Introduction to Python Programming and Data Analysis**
  (Date: July 9 - 10, 2022)

- **Visual Analytics using Tableau**
  (Date: July 16 - 17, 2022)

For more information, kindly contact:

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About IMT Hyderabad

Institute of Management Technology, Hyderabad (IMTH) belongs to the IMT group, known for its quality and commitment in the area of management education for the last 40 years. **IMT Hyderabad** is a business school of choice among aspirants in India and abroad **for nurturing socially responsible business leaders.** This stature has been achieved on account of steady & concerted efforts on the part of the Institute to maintain a balance of academic rigor, a multitude of corporate touchpoints, and sustained, holistic development of its learners. The institute has been conducting Management Development Programs (MDP) for leading private and public sector organizations. These programs are designed and delivered to help practicing managers strengthen their knowledge and skills in functional areas of management and information technology by focusing on the twin objectives of conceptual learning and skill development.

About Analytics and IT Masterclass

Data analytics enables businesses to predict outcomes, be agile, and prepare for risks. Organizations around the globe have realized the enormity of a data-driven business approach in developing businesses and multiplying profits. Professionals with hands-on exposure to analytical tools and skills of best practices in data-driven enterprises have a significant edge over their peers.
IMT Hyderabad launches Masterclass on SQL, Python, and Visual Analytics. These Masterclasses will equip the participants with tools to overcome real-world problems using data analytics. IMT- Hyderabad's Faculty & Alumni, and Industry experts with practical exposure in the field will deliver the sessions.

About the Programs

Structured Query Language (SQL)
Date: June 25 - 26, 2022

This workshop is meant to help learners understand how to use SQL to manage databases, structure databases, author efficient SQL queries, and clauses, and manage the SQL database for scalable growth.

Program Objective:

- Install SQL Server
- Understand the fundamentals of database systems and RDBMS
- To create a database
- To create and manipulate tables
- To write simple queries using SQL
- To create relationships between tables.

Program Module:

- SQL Overview
- RDBMS Concepts Overview
- SQL Basic Commands & Syntax
- SQL Database Creation and Manipulation
- SQL Table Creation and Manipulation
- SQL Table Update and Delete using Clauses
- SQL Constraints

Introduction to Python Programming and Data Analysis
Date: July 9 - 10, 2022

The Program aims to introduce the Python programming language and demonstrate its capabilities in solving practical business problems of paramount significance.

Program Objective:

The program enables the participants to apply knowledge and skills to develop Python-driven models to solve real-world business problems and perform appropriate data visualization for making decisions using conventional and unconventional tools.

Program Module:

- Introduction to Python
- Data Description with Python
- Python for Data Analysis
- Regression Analysis with Python

Visual Analytics using Tableau
Date: July 16 - 17, 2022

Visual Analytics is communicating information clearly and effectively through graphical means. Visual Analytics is closely related to information graphics, information visualization, scientific visualization, and statistical graphics. This workshop teaches a crucial skill that a great business data analyst should possess, i.e., the ability to communicate the practical implications of quantitative analyses to any kind of audience member.

Program Objective:

- Significance of Visual Data Consumption in enabling data-driven decisions.
- How Visual Analytics allows for a common-sense approach to decision- making? Saving the sophisticated calculations and Jargon!
- Data Narration and Visual Story Telling using Tableau Functionalities

Program Module:

- Connecting with different databases Importing and Exporting the Data Creating different types of Vizzes Formatting Data
- Designing Interactive Dashboard
- Create a compelling Story through Data Narrative Data Types
- Maps
- Calculations and Functions

Data Analytics Tool required:

- Tableau Software

Registration

Please visit the Registration Link & fill in the details or email the details to exedu@imthyderabad.edu.in indicating Name, Mobile No., Email, Organization, Designation, Functional Area, Working Experience, Screenshot of fee payment

Program Fee

No. of Programs Registering	Fee	
	Offline Delivery Mode (at IMT Hyderabad)	Live Online Delivery mode
1	INR 20,000 + GST	INR 15,000 + GST
2	INR 35,000 + GST	INR 25,000 + GST
3	INR 50,000 + GST	INR 40,000 + GST

Note:
1. GST 18% applicable
2. Participants can register for more than one Program.
3. The offline delivery fee includes Training material, food and hostel accommodation.
4. The participant fee may be paid online.

(For any other mode of payment - DD/Cheque may be sent to our mailing address. Details at the end of the brochure)

Resource Persons

For SQL Program

Mr. Shivalkar Jeyasankar, Program Director

Mr. Shivalkar is a Data Science professional with 7+ years of experience in analytics and has played with numbers in domains- CPG/FMCG, Logistics, Software Products, and Telecom. He has expertise in handling Survey Data and Point of Sales Data (POS).
Mr. Shivalkar is experienced in client-facing of Fortune 200 and Fortune 500 companies. He is proficient in technologies -R, Python, SAS, Hive(SQL), and Advanced Excel.

For Python Programming

Prof. (Dr.) Indranil Ghosh, Program Director

Dr. Indranil Ghosh is an Assistant Professor in Analytics & IT at IMT Hyderabad. He has completed his Ph.D. in the area of Artificial Intelligence-based Modelling of Complex Market and Financial Variables. He obtained his bachelor's and master's degrees in Information Technology, and Industrial Engineering & Management respectively. He qualified in GATE 2009 in Computer Science & Engineering discipline. He started his professional career in the capacity of Systems Engineer at Infosys Limited. Subsequently, he worked at Indian Statistical Institute, Kolkata as a project researcher. He served as Assistant Professor at Calcutta Business School in the allied areas of Systems, Operations, & Analytics prior to joining IMT Hyderabad.

For Visual Analytics

Prof. (Dr.) Mahesh Ramalingam, Program Director

Dr. Mahesh Ramalingam is an Assistant Professor in the Analytics & IT department at the Institute of Management Technology Hyderabad. He holds a Ph.D. in Management from the University of Hyderabad. He teaches Machine Learning Algorithm, Big Data Analytics, Business Intelligence Using SAS, Visual Analytics, Blockchain for Managers, Programming for Data Science, Data Analysis for Decision Making, and Business Research Methods. His primary areas of interest are service quality and consumer behavior and other works include the development of metrics to evaluate marketing decisions. He has conducted workshops and FDPs related to scale development process, multivariate data analysis, covariance-based SEM, PLS-SEM, FIMIX, mediation analysis, moderation analysis, and conditional process modeling, Visual Analytics, etc.

Bank Details

Account Name	Institute of Management Technology, Hyderabad
PAN Number	AAAAC1953B
Name of the Bank	HDFC Bank
Branch Address	Shamshabad, Hyderabad
Account Number	50100349784153
IFS Code	HDFC0002068
Account Type	Savings
GST Number	36AAAAC1953B1ZB

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