SOFTAX
real time taxation support
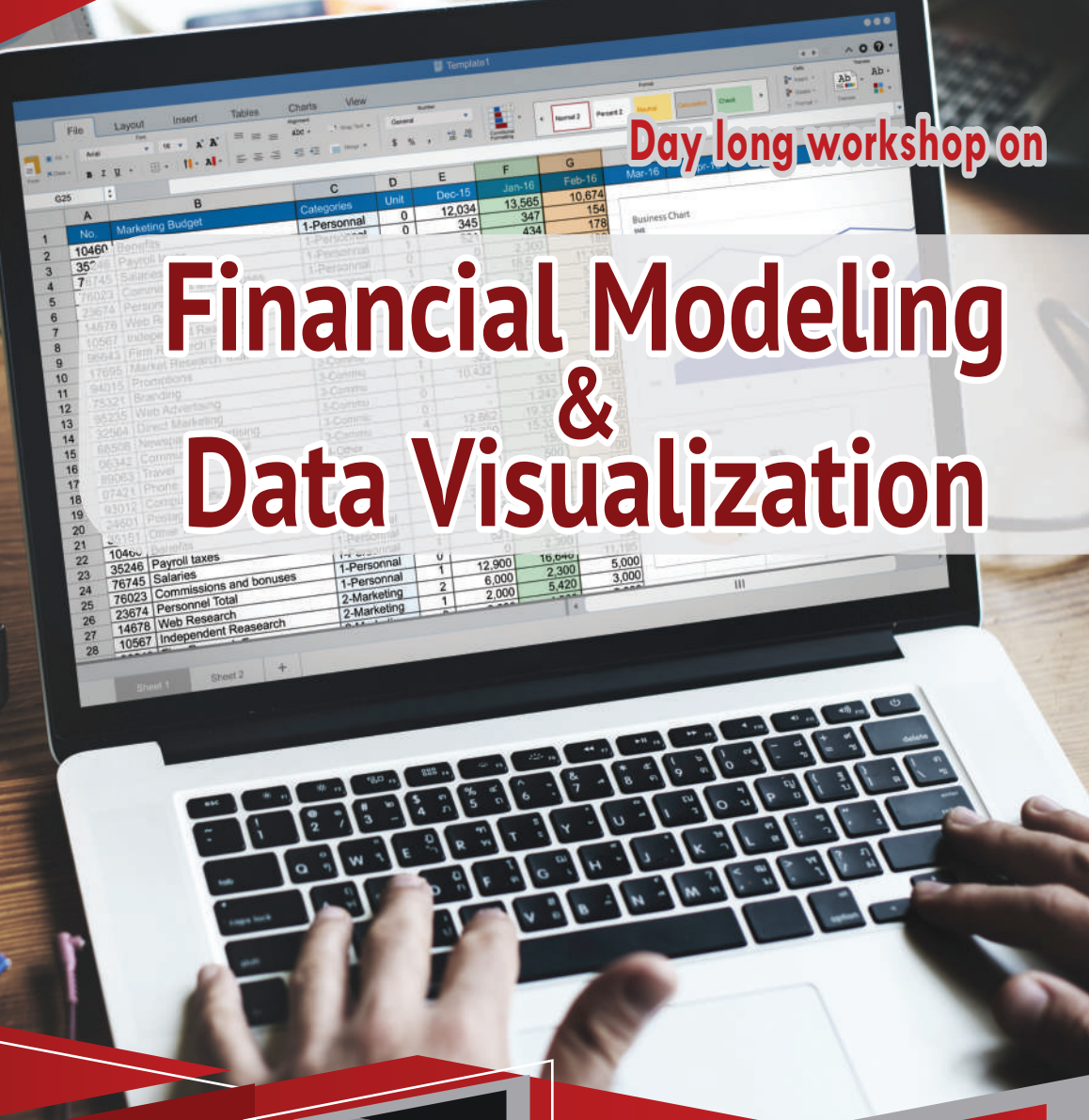
Day long workshop on

Financial Modeling
&
Data Visualization

November 16, 2017
[09:30 AM to 04:30 PM]
Mövenpick Hotel,
Karachi

Course Objectives:

The workshop aims to bring the participants to the next stage using Excel skills through demonstration that how Excel can work more effectively and add value in your professional skills. The resource persona and the participants shall together deeply evaluate few very useful financial models enabling to make financial models according to the needs of the organization. The participants will also learn that how to create flexible models.

Upon Completion of the workshop, the participants will be able to:

- Create effective financial modes that meet their professional needs
- Make better, more profitable business decisions using advanced financial modeling methods
- Evaluate patterns in their historical data
- Create income statements, balance sheets and cash flow statements with supporting schedules integrated with each other
- to minimize as much manual labor as possible in data analysis
- to use the most overlooked Excel formulas that will make their life easier
- use powerful functions built into Excel that streamline their analysis

Excel files (solved exercises and other exercises for self-practice) shall be shared with the participants alongwith PowerPoint presentation enabling them to repeat and recall the concepts for effective application in their practical life.

Registration & Details: 021-32640313 | karachi@softax.com.pk

Course Contents:

1. **Introduction to Financial Modeling**
   - i. Overview
   - ii. Key Aspects
2. **Tools for Building Dynamic Financial Models**
   - i. <u>Formulas</u>:
     - a) Absolute and Relative References
     - b) Lookup Functions
     - c) Logical Functions
   - ii. <u>Form Controls</u>:
     - a) Combo Box
     - b) List Box
     - c) Check Box
     - d) Option (Radio) Button
   - iii. <u>Data Validation</u>:
     - a) Basics
     - b) Single / Multi Level Drop Down Lists
   - iv. <u>Excel Analysis Tools</u>:
     - a) Conditional Formatting
     - b) Data Table
     - c) Solver
3. **Dashboard/ Data Visualization:**
   - i. <u>Reporting with Pivot Table</u>:
     - a) Pivot Table Features
     - b) Calculated Fields
   - ii. <u>Excel Charts</u>:
     - a) 2 Axis Charts
     - b) Tailored Charts
   - iii. <u>Power BI</u>:
     - a) Get Data
     - b) Formatting
     - c) Charting
     - d) Sorting
     - e) Filtering
     - f) Data Drill
4. **Financial Modeling – Case Study**
   - i. Building the Model from Scratch
   - ii. Structuring Input Sheet
   - iii. Loan Amortization Schedule
   - iv. Projected Income Statement
   - v. Projected Cash Flow Statement
   - v. Model Dashboard

Prerequisites?

Those participating in the course must have sound knowledge of Excel (Intermediate level) including the following topics otherwise learners may be disturbed to get what is delivered to them.

- Naming
- References (Relative, Absolute, Mixed)
- Useful Functions (If & And/ Or, Ceiling, Text, Concatenate, Choose, If Error)
- Functions with Names (Indirect, Transpose, Array)
- Look Ups (VLookUp, Index with Match, OffSet)
- Financial Functions (PV, NPV, PMT, IPMT)
- Conditional Formatting
- Data Validation (incl. Depended Lists)
- Data Table (1 & 2 Variables)
- Solver
- Controls (Combo Box, List Box, Check Box, Option Button, Spin Button, Scroll Bar)

Delivery Method:

A step by step approach with proper separation of topics to make all components distinguish and prominent. Following chapters will be covered:

- Case Study
- Putting Inputs/Assumptions
- Costing
- Budgeting
- Financial Analysis
- Assessing Alternatives
- Lease Vs. Loan

About Softax

Softax (Pvt) Limited has been established in 1997 with an objective to part with affordable quality training in the fields of Taxation, Corporate Laws, Internal Audit, Information Technology, HRM, Accounting and Finance etc. by introducing a unique teaching concept of "learning for solutions". Today Softax is proud to have trained over 20,000 Corporate Executives and arranged more than 700 workshops and short courses.

Resource Person:

Mr. Faisal Shafi

[Associate Member of ICMAP/ICSP/PIPFA Master in Economics]

Mr. Faisal Shafi has over 15 years of experience of Internal / External Audit, Accounts & Finance. He had conducted number of workshops and short courses on MS Office particularly MS Excel up to advance level including Financial Modeling. Currently he is working as Head of Internal Audit at a reputed Micro Finance Company.

Programme Detail:

Date: November 16, 2017 (*9:30 AM to 4:30 PM*)
Last date: November 13, 2017
Venue: Mövenpick Hotel, Karachi.

Registration Details

Please send the following information of the participant(s) through e-mail:

1. Name of Participant   2. Designation   3. Organization
4. Telephone #   5. Cell #   6. E-mail

Workshop Investment: Rs. 10,995/-

10% discount for 3 or more participants from same Organization.

(Inclusive of Course Material, Relevant Case Studies, Lunch, Tea, and Certificate of Participation.)

Participants should bring their laptops with them

FOR REGISTRATION & OTHER DETAILS:

Mr. Mujtaba Qayyum (Workshop Coordinator)
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