# FINANCIAL MODELING WORKSHOP

An Astute School of Finance initiative for people pursuing their careers in Finance and Accounting

10<sup>th</sup>-11<sup>th</sup> & 17<sup>th</sup>-18<sup>th</sup> December 2022 Platform: Google Meet

Trainer Jabran Ata, CFA



For more information Visit JabranAta.com

Send an email to info@jabranata.com

Call +92-345-5447568

### **PROGRAM SUMMARY**



#### Overview

We are offering a Financial Modeling Workshop that is unique in its own way. In this online workshop, participants will have hands-on experience in building a financial model and valuing a publicly traded stock. In addition to that, all the finance & investment concepts involved in the workshop will also be explained in detail using a digital whiteboard and with references from the CFA curriculum. There is a full-day bonus session planned as well. The bonus session will focus on portfolio management. The participants will learn to create a dummy portfolio of 3-5 stocks in Excel. Portfolio Mgt concepts like Modern Portfolio Theory, Capital Market Theory, Efficient Frontier, Capital Market Line, Security Market Line, Market Beta, Jensen's Alpha, Treynor Ratio, and Sharpe Ratio will be applied to construct a portfolio. We will also use 'Solver', which is one of the best add-ins available in Excel for Optimization.

#### **About Astute School of Finance**

Astute school of finance was founded in January 2011. The primary focus of this professional training institute is to provide professional development trainings including 'CFA Exams Preparatory Classes' and 'Financial Modeling Workshops'. In the last twelve years, hundreds of students have completed their training with the Astute school of Finance and currently holding senior-level positions in the financial services sector.

#### **Difficulty Level**

Intermediate/advanced

Dates 10<sup>th</sup>-11<sup>th</sup> December, 17<sup>th</sup>-18<sup>th</sup> December

#### Mode

Online via Google Meet

#### How to Register

Contact Mr. Jabran Ata on 03455447568

#### Charges

20,000 Rs





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## **COURSE LEARNING TOPICS**



#### **FINANCIAL MODELING**

- 1. Design and Structure a Financial Model
  - Design and layout a financial model clearly and logically
  - Discuss the need for a model to serve as a marketing tool
  - Create clearly defined inputs and assumptions
- 2. Forecasting Revenue & Expenses
  - Forecast and build up a company's revenues and expenses using regression analysis
  - Applying PERT technique for forecasting
  - Using the Pro-Forma Financial Statements technique

forforecasting expenses linked to revenues

#### 3. Incorporate all Relevant Schedules

- Construct all necessary schedules, including:
  - Depreciation / CAPEX Schedule
  - Working Capital Schedule
  - Debt and Interest Schedule
  - Shareholders' Equity Schedule

#### **EQUITY VALUATION**

- 1. Incorporate a DCF & Relative Valuation Analysis
  - Properly calculate a company's free cash flows
  - Build a terminal year in the model
  - Review critical terminal year assumptions including Capex, depreciation, working capital, margins and income taxes
  - Calculate the company's cost of capital and choose an appropriate weighted average cost of capital
  - Discount the cash flows in the forecast period
  - Relative Valuation: Price Multiples Based on Comparable Approach. Using the appropriate Market Multiple to Compare the firm multiple to a benchmark
  - Relative Valuation: Price Multiples Based on Fundamentals Approach. Using the appropriate Market Multiple to Compare the firm multiple to its justified price multiples

#### 2. Model Validation

- Sensitivity analysis to check model predictability power
- Scenario analysis by changing multiple inputs of the model simultaneously and analyzing the results

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## **JABRAN ATA**

Founder | Senior Trainer info@jabranata.com



#### Academic Background

Jabran Ata passed CFA Level I exam in Dec 2008 with the best possible result of scoring above 70% marks in all 10 topic areas. In June 2009, he passed CFA Level II exam by scoring above 70% in 9 out of 10 areaa. In June 2010, he passed CFA Level III exam by scoring above 70% once again in 9 out of 10 areas. Before pursuing CFA Program, he completed his MBA from NUST and Software Engineering from FAST-NU.

#### **Corporate Experience**

He worked for three years in the Corporate and Investment Banking Group of Askari Bank Ltd (North Region). In August 2010, he joined Independent Power Producers Advisory Council (IPPAC) as "Financial Analyst cum Research Officer" and reported directly to Chairman IPPAC Mr. Abdullah Yusuf (Former Chairman FBR).

#### **Training Experience**

In 2010, Jabran joined education sector as a visiting professor at three different business schools i.e. NUCES-FAST, SZABIST and COMSATS where he has taught numerous courses like "Investment Analysis and Portfolio Management", "Equity Valuation", "Financial Management" and "Analysis of Financial Statements". He started CFA coaching in 2011 and till date has trained eighteen CFA Level-I Exam batches with 75% average pass, nine batches of CFA Level II Exam Candidates with an average pass rate of 50% and three batches of CFA Level III Exam with nearly 80% success rate. Financial Modeling Workshops is another key area of expertise offered at Astute School of Finance. We have held more than ten financial modeling workshops at our campus and at Movenpick Hotel Karachi. People from various industries & academic backgrounds have successfully attended our trainings with 87% customer satisfaction which we know from the feedback we take at the end of every training session. Our institute is now well renowned in Investment community & financial sector professionals and that is the reason our training completion certificates hold a significant value for our training participants.



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