



# **ACCOUNTING AND FINANCIAL REPORTING WITH XBRL**

**(Creating Best of Minds)**

**Professional Certificate in Accounting and Financial Reporting with XBRL**

**Course Code: BF\_IP\_I\_0021/25**

**Duration:** 40 Hours

**Delivery Format:** Hybrid

**Target Audience:**

- Beginners in accounting/finance interested in XBRL and AI.
- Graduates looking for digital financial reporting skills.
- Accountants, auditors, and analysts wanting to enhance their XBRL skills.
- Managers aiming to automate reporting with XBRL and AI.
- IT professionals in finance seeking to integrate XBRL and AI.

**Program Objectives:**

- Introduce and explain XBRL and its use in financial reporting.
- Teach data tagging, validation, and analysis within the XBRL framework.
- Demonstrate the impact of AI in bookkeeping, auditing, and financial analysis.
- Provide practical skills to use XBRL for preparing and validating financial statements.
- Enhance knowledge of how AI is transforming accounting practices.

## **Detailed Syllabus**

### **Module 1: Introduction to XBRL**

**Objective:** Introduce and explain XBRL and its use in financial reporting.

**Topics:**

- Overview of XBRL and its evolution in financial reporting.
- Benefits and applications of XBRL in modern financial markets.

- Introduction to XBRL taxonomies, elements, and concepts.

**Activities:**

- Discussions on the evolution and benefits of XBRL.
- Introduction to XBRL taxonomies and elements.

**Assessments:**

- Quiz on XBRL terminology and concepts.
- Short report on the applications of XBRL in financial reporting.

**Module 2: Data Tagging and Creation of XBRL Reports**

**Objective:** Teach data tagging, validation, and analysis within the XBRL framework.

**Topics:**

- Understanding the basics of XBRL tagging for financial data.
- Hands-on practice in creating and tagging XBRL financial statements.
- Introduction to XBRL taxonomies for financial data (e.g., US GAAP, IFRS).

**Activities:**

- Hands-on exercises on tagging financial data.
- Practical creation of XBRL financial statements.

**Assessments:**

- Assignment on tagging a sample financial document.
- Project: Creating an XBRL report for a given company.

**Module 3: Validation and Analysis in XBRL**

**Objective:** Provide practical skills to use XBRL for preparing and validating financial statements.

**Topics:**

- The process of validating XBRL reports.
- Tools and techniques for ensuring accuracy and consistency in tagged data.
- Introduction to XBRL validation rules and common errors in XBRL reports.

**Activities:**

- Practice sessions on validating XBRL reports.
- Analyzing and correcting common errors in XBRL data.

**Assessments:**

- Assignment on validating a given XBRL report.
- Case study: Analyzing errors in a real-world XBRL filing.

#### **Module 4: AI in Bookkeeping and Auditing**

**Objective:** Demonstrate the impact of AI in bookkeeping, auditing, and financial analysis.

**Topics:**

- The role of AI in automating bookkeeping and financial record-keeping.
- AI tools and technologies for improving the auditing process.
- Case studies on how AI reduces errors in accounting and financial analysis.

**Activities:**

- Discussions on AI applications in bookkeeping and auditing.
- Case study analysis of AI tools in accounting.

**Assessments:**

- Report on the impact of AI on bookkeeping.
- Presentation on AI tools for auditing.

#### **Module 5: AI in Financial Analysis**

**Objective:** Enhance knowledge of how AI is transforming accounting practices.

**Topics:**

- Exploring AI-powered tools in financial analysis and decision-making.
- How AI improves forecasting, risk management, and financial reporting.
- Understanding how AI models analyze large datasets for insights.

**Activities:**

- Exploring AI tools for financial analysis.
- Analyzing how AI enhances financial forecasting.

**Assessments:**

- Assignment on using AI for financial forecasting.
- Essay on the role of AI in risk management.

#### **Module 6: Real-World Applications of XBRL and AI**

**Objective:** To analyze real-world applications of XBRL and AI in enhancing transparency and efficiency in financial reporting.

**Topics:**

- Practical examples of XBRL integration in public companies' financial reports.
- How AI and XBRL work together in enhancing transparency and efficiency in financial reporting.
- Group activities on analyzing financial data using XBRL and AI.

**Activities:**

- Analyzing real-world XBRL reports.
- Group project on the impact of AI and XBRL in financial reporting.

**Assessments:**

- Case study analysis of XBRL applications.
- Group project report and presentation.