

ACCT 414: Accounting Analytics Capstone

Adjustment, Forecasting, Dashboarding Tool

PROBLEM STATEMENT

Improving the manual forecast of Income & Cash Flow Statements with forecasting tools and developing a dashboard to automatically generate insights for the Management

SOLUTIONS

Automation in Data Consolidation, Data Analysis, Data Forecasting, and Data Visualisation process

CURRENT PROCESS

Data Consolidation

Data collected manually into standard templates

Data Analysis

Analysis is done manually using Excel

Data Forecasting

Methods: Moving average and manual adjustments

Data Visualisation

Data collected manually into standard templates



IMPROVED PROCESS

Data Consolidation

Data is input into Graphical User Interface (GUI)

Data Analysis

Data is cleaned and formatted through Python

Data Forecasting

Data collected manually into standard templates

Data Visualisation

Data collected manually into standard templates

GRAPHICAL USER INTERFACE

Hyphens Pharma Adjusting and Forecasting Tool - AFT

Input your source file here

Upload Unupdated Trial Balance

Drag and drop file here
Limit 200MB per file

Browse files

Upload New Data (Optional)

Drag and drop file here
Limit 200MB per file

Browse files

POWER BI DASHBOARD

