

Proforce.AI Certificate

Introduction:

Proforce.AI stands at the forefront of innovation in predictive ledger management, leveraging cutting-edge artificial intelligence. This platform empowers users by allowing them to upload insurance ledgers, enabling a comprehensive visualization of the impact of alterations. Whether adjusting premiums or manipulating other critical variables, Proforce.AI predicts the resultant changes in the ledger. This introduction sets the stage for Proforce.AI's revolutionary approach to ledger management, combining user-driven modifications with advanced AI forecasting.

Procedure:

Initial Launch and Partial AI Integration:

During its initial launch, Proforce.AI's predictive capabilities are partially AI-driven. However, as user engagement increases and valuable data accumulates, the platform will seamlessly transition to complete AI predictions. Continuous model training will refine accuracy, showcasing the dynamic nature of Proforce.AI's predictive capabilities.

Intuitive User Interface:

Proforce.AI boasts an intuitive user interface, requiring users to designate input, dependent, and independent columns for accurate predictions. The application's flexibility allows for manual adjustments triggering changes in dependent columns, creating a user-friendly experience.

Prediction Types and Process:

The platform offers two prediction types - "predict forward" and "predict all." The predictive process involves calculating scales for each modified row. Dependent and independent column scales are computed based on original and modified values, creating a comprehensive table of scales. An Extra Trees Regressor AI model is trained with this table, ensuring the user's data remains secure on the Proforce server.

Partial AI Prediction and Post-Prediction Comparison:

Proforce.AI employs a "partial AI prediction" methodology, bridging user-driven modifications and AI-aided forecasts. Users can update sheets with actual modified scenarios for a direct comparison with AI predictions through visual charts. Simultaneously, the platform leverages this actual data to continuously train the AI model in the background.

Transition to Complete AI Prediction:

As accuracy accumulates and the model matures, Proforce.AI envisions transitioning to a "complete AI prediction" mode. In this advanced phase, the AI will directly predict actual values for cells, eliminating the intermediary step of scale prediction. This marks the pinnacle of Proforce.AI's commitment to harnessing the power of artificial intelligence for precise and efficient ledger management.

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Conclusion:

Proforce.AI's innovative approach to predictive ledger management marks a significant leap in the integration of AI and user-driven modifications. The platform's gradual transition from partial to complete AI predictions showcases its commitment to refining accuracy and providing users with a powerful tool for efficient ledger management. As Proforce.AI continuously evolves, it remains at the forefront of revolutionizing the realm of predictive ledger management.

Tech Stack:

Proforce.AI employs an Extra Trees Regressor AI model for predictive analysis. This model is encapsulated in an open-source Python library, ensuring accessibility and flexibility for users. Importantly, all processing occurs on Proforce servers, safeguarding user data during the AI model training and prediction phases. The tech stack reflects a commitment to both advanced AI capabilities and user data security.



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