

Title: Architecture of the Predictive ANN Model

- **Input Layer:** 15 input features, fully connected.
- **Hidden Layers:**
 - First hidden layer: 64 neurons, ReLU activation.
 - Second hidden layer: 32 neurons, ReLU activation.
- **Output Layer:** 1 neuron, Sigmoid activation (for binary classification).
- **Optimizer:** Adam optimizer.
- **Loss Function:** Binary Crossentropy.
- **Performance Metric:** Accuracy.