# Prediction of Diabetic Complications Using Multi-Modal Deep Learning

## Summary of 3–5 Recent Papers: Existing works and their limitations

**Summary:** This project aims to develop a deep learning-based predictive model for diabetic complications such as retinopathy, nephropathy, and cardiovascular diseases using multi-modal tabular data. Using rich clinical datasets (e.g., DM749), the system will integrate patient features such as lab results, demographics, and treatment data to enable multi-label classification. The project will emphasize explainability through SHAP and similar tools, supporting transparency and potential clinical relevance.

| **No** | **Title** | **Authors** | **Year** | **Source** | **Keywords** | **Summary (Short)** | **Relevance Score (1–5)** |
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### Step

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| No | Title | Authors | Year | Source | Summary |  |  |
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