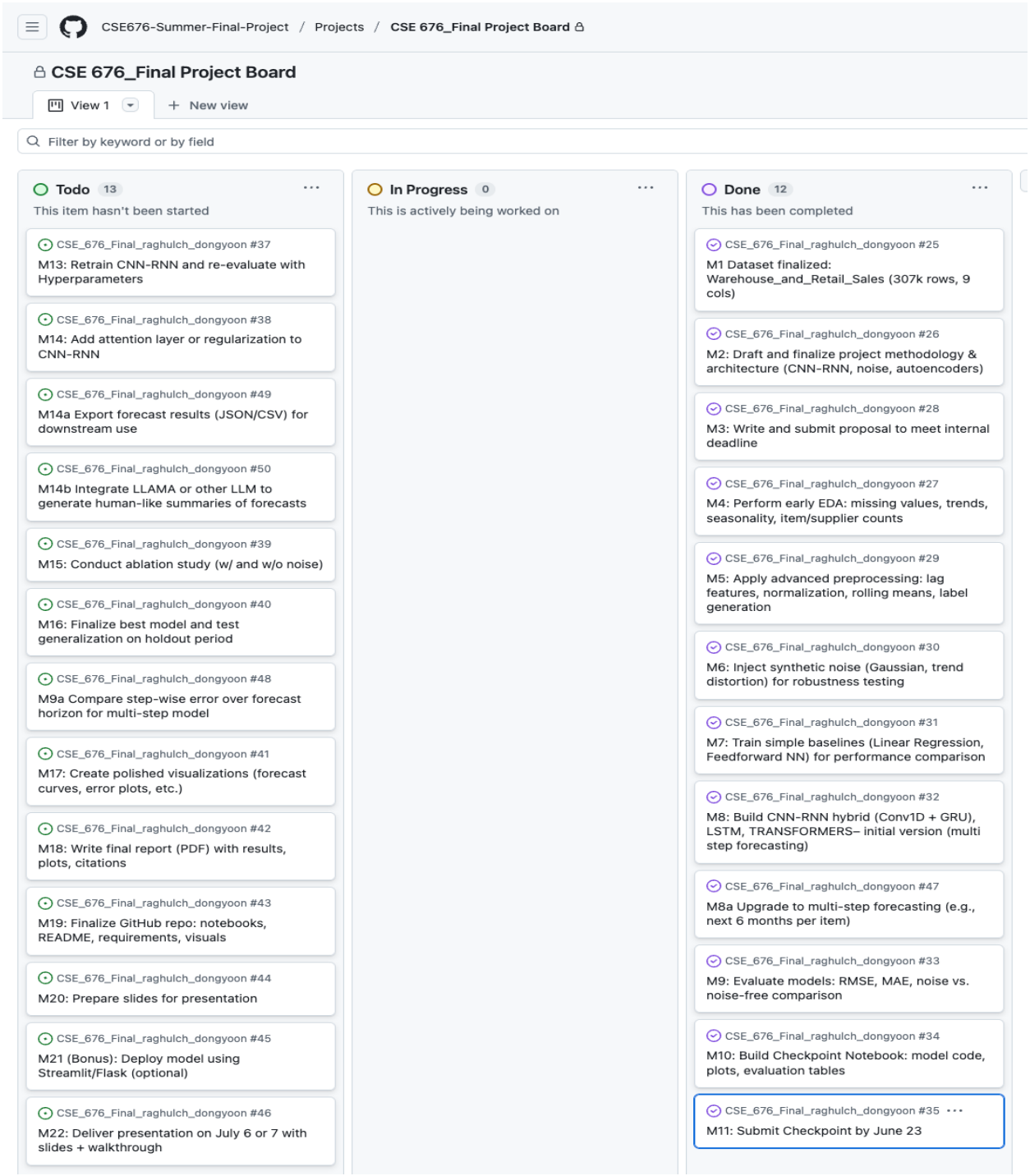
PM TOOL


CSE676-Summer-Final-Project / Projects / CSE 676_Final Project Board
CSE 676_Final Project Board
View 1
New view
Filter by keyword or by field
Todo 13
This item hasn't been started
CSE_676_Final_raghulch_dongyoon #37
M13: Retrain CNN-RNN and re-evaluate with Hyperparameters
CSE_676_Final_raghulch_dongyoon #38
M14: Add attention layer or regularization to CNN-RNN
CSE_676_Final_raghulch_dongyoon #49
M14a Export forecast results (JSON/CSV) for downstream use
CSE_676_Final_raghulch_dongyoon #50
M14b Integrate LLAMA or other LLM to generate human-like summaries of forecasts
CSE_676_Final_raghulch_dongyoon #39
M15: Conduct ablation study (w/ and w/o noise)
CSE_676_Final_raghulch_dongyoon #40
M16: Finalize best model and test generalization on holdout period
CSE_676_Final_raghulch_dongyoon #48
M9a Compare step-wise error over forecast horizon for multi-step model
CSE_676_Final_raghulch_dongyoon #41
M17: Create polished visualizations (forecast curves, error plots, etc.)
CSE_676_Final_raghulch_dongyoon #42
M18: Write final report (PDF) with results, plots, citations
CSE_676_Final_raghulch_dongyoon #43
M19: Finalize GitHub repo: notebooks, README, requirements, visuals
CSE_676_Final_raghulch_dongyoon #44
M20: Prepare slides for presentation
CSE_676_Final_raghulch_dongyoon #45
M21 (Bonus): Deploy model using Streamlit/Flask (optional)
CSE_676_Final_raghulch_dongyoon #46
M22: Deliver presentation on July 6 or 7 with slides + walkthrough
In Progress 0
This is actively being worked on
Done 12
This has been completed
CSE_676_Final_raghulch_dongyoon #25
M1 Dataset finalized: Warehouse_and_Retail_Sales (307k rows, 9 cols)
CSE_676_Final_raghulch_dongyoon #26
M2: Draft and finalize project methodology & architecture (CNN-RNN, noise, autoencoders)
CSE_676_Final_raghulch_dongyoon #28
M3: Write and submit proposal to meet internal deadline
CSE_676_Final_raghulch_dongyoon #27
M4: Perform early EDA: missing values, trends, seasonality, item/supplier counts
CSE_676_Final_raghulch_dongyoon #29
M5: Apply advanced preprocessing: lag features, normalization, rolling means, label generation
CSE_676_Final_raghulch_dongyoon #30
M6: Inject synthetic noise (Gaussian, trend distortion) for robustness testing
CSE_676_Final_raghulch_dongyoon #31
M7: Train simple baselines (Linear Regression, Feedforward NN) for performance comparison
CSE_676_Final_raghulch_dongyoon #32
M8: Build CNN-RNN hybrid (Conv1D + GRU), LSTM, TRANSFORMERS– initial version (multi step forecasting)
CSE_676_Final_raghulch_dongyoon #47
M8a Upgrade to multi-step forecasting (e.g., next 6 months per item)
CSE_676_Final_raghulch_dongyoon #33
M9: Evaluate models: RMSE, MAE, noise vs. noise-free comparison
CSE_676_Final_raghulch_dongyoon #34
M10: Build Checkpoint Notebook: model code, plots, evaluation tables
CSE_676_Final_raghulch_dongyoon #35
M11: Submit Checkpoint by June 23