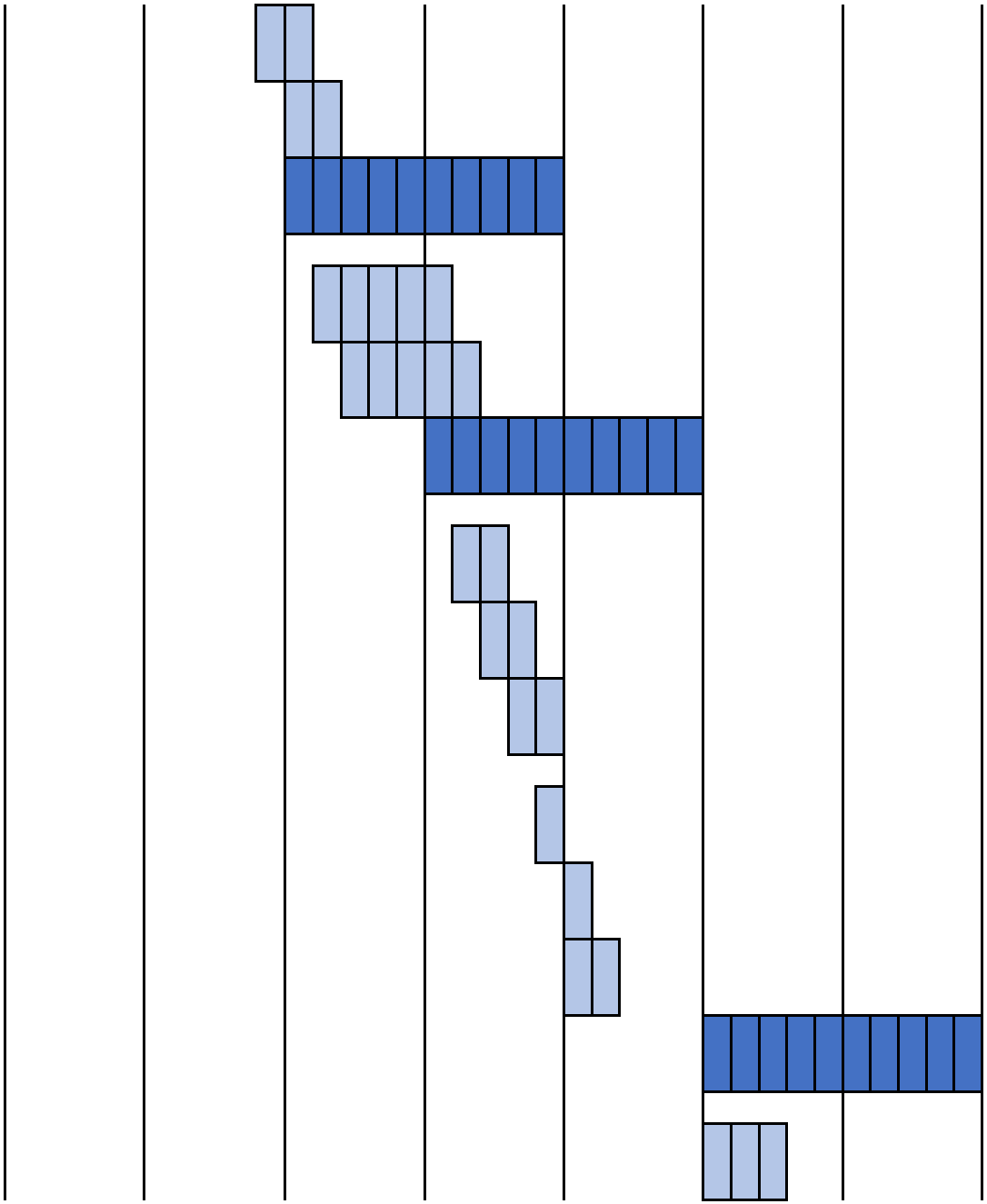
Task	Duration (In Days)	Week 1					Week 2					Week 3					Week 4					Week 5					Week 6					Week 7				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Phase 1: Data Collection and Preparation	9																																			
Data Understanding																																				
Ensure access to the Ames Housing dataset.	1																																			
Verify the completeness of the data and identify any missing values	2																																			
Used Python to create views for essential data visualization	2																																			
Generate initial exploratory charts (e.g., distributions, correlations)	2																																			
Developed a preliminary dashboard for visualizing key data insights	1																																			
Developed the initial powerpoint	1																																			
Phase 2: Exploratory Data Analysis (EDA)	10																																			
Business Understanding																																				
Define metrics for model success (e.g., RMSE, R2)	1																																			
Document any constraints (e.g., data quality issues, computational limits)	1																																			
Engage with real estate experts to gain insights on factors affecting house prices	1																																			
Data Understanding																																				
Develop queries to explore the relationship between features and house prices	1																																			
Assess the potential impact of different features on the target variable	2																																			

Perform EDA to identify significant predictors	2
Explore data distributions and correlations	2
Phase 3: Feature Engineering and Selection	**10**
Data Preparation	
Engineer new features based on domain knowledge	5
Select relevant features for modeling and create the final dataset	5
Phase 4: Model Development and Validation	**10**
Modeling	
Develop and train initial baseline models (linear regression)	2
Generate predictions and prepare the output dataset for visualization	2
Improving models through validation	2
Evaluation	
Assess model performance using validation metrics	1
Share results with stakeholders and gather feedback	1
Iterate on the model based on feedback	2
Phase 5: Model Deployment and Monitoring	**10**
Deployment	
Implement the final model in the production environment	3



Updated powerpoint	3							
Tracking model performance	2							
Schedule regular updates	2