

Unstructured Data Project: Business Requirements

Business Requirements and Attributes				
Business Requirement ID	Functional/Technical	Business Requirement	Rationale	Source
[Enter a unique Business Requirement ID number]		[Business Requirement]	[A brief description as to why the requirement is needed]	[The person or business unit that specified the need/requirement]
1	Technical	Collect IMBD movie data.	This data will be used for predictive analysis.	Kaggle
2	Technical	Merge applicable tables to build single datasource.	This will allow for comprehensive analysis of all data.	Python
3	Functional	Populate single dataset to AWS	Store data in secure and faster environment	AWS
4	Technical	Wrangle data to remove duplicate entries, keeping only original language and title.	Remove duplicates that may weaken analysis	Python
5	Functional	Remove incomplete data , data with low number of votes for ratings (dependent variable), and more recent years only (as determined by quality of earlier movie data).	Ensure high quality data is used	Python
6	Functional	Perform basic statistical analysis to understand data.	Understand linkages and relationships between variables.	Python
7	Functional	Use data to make predictive recommendations on movies.	Utilize findings to recommend movies based on various preferences.	Python
8	Technical	Test model	Ensure model works	Python

9	Functional	Deploy model using AWS	Share with others!	AWS
10	Technical	Ensure application should shows horizontal scale	Fast computing speed	AWS