CAPSTONE TERM 1

GROUP 3

SALES FORECASTING FOR A RETAIL STORE

PROJECT SCOPE	DATA GATHERING	EDA	MODEL BUILDING	MODEL EVALUATION
DEFINE PROJECT OBJECTIVES	IDENTIFY DATA SOURCES	VISUALIZE DATA TO IDENTIFY PATTERNS	RESEARCH ON MODELING APPROACHES	EVALUATE MODEL PERFORMANCE ON TEST DATA
DETERMINE PROJECT DELIIVERABLES	COLLECT AND COLLATE RELEVANT DATA	ANALYSE DATA DISTRIBUTION AND CORRELATION	CHOOSE MODELING TECHNIQUES	IDENTIFY AREAS FOR MODEL IMPROVEMENT
ESTABLISH PROJECT TIMELINE	CLEAN AND PREPROCESS DATA	FEATURE ENGINEERING AND SELECTION	SPLIT DATA INTO TRAINING AND TESTING	TEST MODEL ROBUSTNESS
MARKET RESEARCH	FIX FORMAT ISSUES	EXTRACTING DATE FEATURES	TRAIN MODELS ON TRAINING DATA	TEST FOR DIFFERENT PERIODS
BRAINSTORM SESSION	PREPROCESS	USING LAG VALUES AS FEATURES	TRY DIFFERENT MODELS	CHECK METRICS
	CONDUCT DATA QUALITY CHECKS	IDENTIFY AND HANDLE MISSING VALUES	OPTIZE MODEL PARAMETERS	FINALIZE THE MODEL FOR DEPLOYMENT