

TEAM NEXGEN

#TASK 2 CTD-T-SPSU

	APPLICATION DOMAIN	COMPLEX PROBLEM IDENTIFIED	JUSTIFICATION	TASK DETAILS
1	HEALTH CARE	INTEGRATION OF PATEINT DATA ACROSS SYSTEMS	FRAGMENTED DATA LEADS TO INEFFICIENCIES IN PATIENT CARE AND DECISION MAKING.	INVESTIGATE CURRENT INTEGRATION CHALLENGES AND PURPOSE A UNIFIED DATA MODEL.
2	SMART CITIES	TRAFFIC CONGESTION MANAGEMENT	MANAGING REAL TIME TRAFFIC DATA FROM VARIOUS SOURCES IS HIGHLY COMPLEX .	DEVELOP A SMART TRAFFIC MANAGEMENT SYSTEM UTILIZING LOT AND AI.
3	RENEWABLE ENERGY	GRID STABILITY WITH RENEWABLE SOURCES	VARIABILITY IN RENEWABLE ENERGY GEN. COMPLICATES GRID MANAGEMENT.	CREATE A PREDECTIVE MODEL FOR MAINTAINING GRID STABILITY WITH HIGH RENEWABLE INPUT.
4	EDUCATION	PERSONALIZED LEARNING RECOMENDATION SYSTEM	DIVERSITY IN LEARNING STYLES, KNOWLEDGE GAPS, AND REAL- TIME ADAPTATION.	CREATE A RECOMENDATION SYSTEM USING COLLABORATIVE FILTERING AND KNOWLEDGE GRAPH EMBEDDING
5	FINANCE	CREDIT RISK ASSESSMENT USING SOCIAL MEDIA ANALYTICS	NOISY AND UNSTRUCTED DATA, SENTIMENT ANALYSIS , AND FEATURE EXTRACTION	DESIGN A SYSTEM TO ANALYZE SOCIAL MEDIA AND PREDICT CREDITWORTHINE SS.