

Metadata information for the data for high risk pregnancy

File_name - T_MOTHER_PREG_DTLS_r.parquet

0 ANC_ID int64 1 MOTHER_ID object 2 GRAVIDA object 3 ANC_DATE datetime64[us] 4
 ANC_INSTITUTE object 5 INSTITUTE_NAME object 6 FACILITY_TYPE object 7
 FACILITY_NAME object 8 DOCTOR_ANM object 9 BP object 10 HEMOGLOBIN object 11
 BLOOD_SUGAR object 12 WEIGHT object 13 IFA_TABLET object 14 TT_GIVEN object 15
 USG_SCAN object 16 MAL_PRESENT object 17 PLACENTA object 18 HIV object 19
 THYROID object 20 RH_NEGATIVE object 21 SYPHYLLIS object 22 SYS_DISEASE object
 23 GESTANTIONAL_DIA object 24 CRT_DT datetime64[ns] 25 CRT_USR object 26
 LST_UPD_DT datetime64[ns] 27 LST_UPD_USR object 28 CALCIUM object 29
 FOLIC_ACID object 30 ALBENDAZOL object 31 IFA_QUANTITY float64 32
 CALC_QUANTITY float64 33 FOLIC_QUANTITY float64 34 ALB_QUANTITY float64 35
 ANC_NO object 36 ANC_ADD_NO object 37 BP1 object 38 KNOWN_EPILEPTIC object 39
 DISTRICT object 40 EXP_DOD datetime64[ns] 41 ANC_TYPE object 42 PHC_REG_NO
 object 43 HBSAG_TEST object 44 URINE_TEST object 45 URINE_SUGAR object 46
 URINE_ALBUMIN object 47 UTERUS_SIZE object 48 HEART_RATE object 49
 FOETAL_POSITION object 50 FOETAL_MOVMNT object 51 NO_OF_WEEKS object 52
 FASTING object 53 TT_DATE object 54 POST_PRANDIAL object 55
 BLOOD_SUGAR_TEST object 56 OEDEMA object 57 TWIN_PREGNANCY object 58
 IRON_SUCROSE_INJ object 59 TEL_DIAG_ID object 60 HB_SMS_FLAG object 61
 SCREENED_FOR_MENTAL_HEALTH object 62 PHQ_SCORE object 63 PHQ_Q1 object 64
 PHQ_Q2 object 65 GAD_SCORE object 66 GAD_Q1 object 67 GAD_Q2 object 68
 PHQ_ACTION object 69 GAD_ACTION object 70 PULSE_RATE float64 71
 PARA_TO_PULSE_RATE object 72 RESPIRATORY_RATE float64 73
 PARA_TO_RESP_RATE object 74 FEVER float64 75 PARA_TO_FEVER object 76
 OGTT_2_HOURS float64 77 PARA_TO_OGTT_2_HRS object 78
 WARNING_SIGNS_SYMPTOMS HTN object 79 PARA_TO_WARNING_SIGNS HTN
 object 80 ANY_COMPLAINTS_BLEEDING_OR_ABNORMAL_DISCHARGE object 81
 PARA_TO_COMPLAINTS_BLEEDING_OR_ABNRML_DISCHARGE object 82
 URINE_ALBUMIN_TYPE object 83 PARA_TO_URINE_ALBUMIN_TYPE object 84
 OEDEMA_TYPE object 85 PARA_TO_OEDEMA_TYPE object 86 IRON_SUCROSE_DOSE
 object 87 SUCROSE_DOSE_DATE object 88 CONVULSION_SEIZURES object

GRAVIDA, PARA_TO_PULSE_RATE, KNOWN_EPILEPTIC, TWIN_PREGNANCY, CONVULSION_SEIZURES	Maternal History
BP, BP1, PULSE_RATE, RESPIRATORY_RATE, HEART_RATE, WEIGHT, FEVER, OEDEMA, OEDEMA_TYPE, UTERUS_SIZE	Vital Signs and Clinical Observations
IFA_TABLET, CALCIUM, FOLIC_ACID, ALBENDAZOL, IRON_SUCROSE_INJ, TT_GIVEN, USG_SCAN	Pregnancy Monitoring and Medications

SCREENED_FOR_MENTAL_HEALTH, PHQ_SCORE, GAD_SCORE, PHQ_ACTION, GAD_ACTION	Mental Health
WARNING_SIGNS_SYMPTOMS_HTN, ANY_COMPLAINTS_BLEEDING_OR_ABNORM AL_DISCHARGE	Warning Signs & Symptoms
ANC_INSTITUTE, FACILITY_TYPE, DOCTOR_ANM	Facility and Provider Details
ANC_DATE, EXP_DOD, NO_OF_WEEKS	Estimated Delivery & Chronology

File_Name - t_mother_child_dtls_r.parquet

Column Dtype --- ----- 0 MOTHER_ID object 1 GRAVIDA object 2 CHILD_ID object 3 GENDER object 4 TIME_OF_BIRTH object 5 WEIGHT object 6 IS_DEFECTIVE_BIRTH object 7 IS_BF_IN_HOUR object 8 CRT_USR object 9 LST_UPD_USR object 10 AGE float64 11 DELIVERY_PLACE object 12 DELIVERY_GOVt_INST object 13 DELIVERY_MODE object 14 IS_PREV_PREG object 15 IS_ADMITTED_SNCU object 16 SNCU_REFERRAL_HOSPITAL object 17 IS_ADMITTED_TERTIARY_HOSPITAL object 18 TERTIARY_REFERRAL_HOSPITAL object 19 OTHER_REFERRAL_HOSPITAL object 20 CHILD_DEATH_DATE datetime64[us] 21 CHILD_DEATH_REASON object 22 IMMUNE_CYCLE_DONE object 23 DISTRICT object 24 DEFECT_HEALTH_CENTER object 25 IS_CHILD_DEATH object 26 BIRTH_DEFECT_TYPE object 27 BIRTH_DEFECT_SUBTYPE object 28 DEFECT_SUBTYPE_OTHER object 29 NOTIFICATION_SENT object 30 FBIR_COMPLETED_BY_ANM object 31 BIRTH_SCREENING object 32 DEFECT_TYPE_OTHER object 33 DEATH_REASON_OTHER object 34 NEWBORN_SCREENING object 35 MHT_TEAM object 36 LACTATING_COUNCILOR object 37 EID float64 38 UID_NUMBER float64 39 SNCU_ADMITTED object 40 CONSANGUINITY object 41 HIGH_RISKS object 42 CAUSE_OF_DEATH_IN_OTHER_CHILDREN object 43 DISEASES object 44 FEEDING_TYPE object 45 DATE_OF_FIRST_FEEDING datetime64[ns] 46 TIME_OF_FIRST_FEEDING object 47 DATE_OF_BLOODSAMPLE_COLLECTION datetime64[ns] 48 TIME_OF_BLOODSAMPLE_COLLECTION object 49 HOURS_OF_SAMPLE_COLLECTION object 50 TRANSFUSION_DONE object 51 BABY_ON_MEDICATION object 52 CH object 53 CAH object 54 GALACTOCEMIA object 55 G6PDD object 56 BIOTINIDASE object 57 MEDICATION_REMARKS object

Delivery complications (DELIVERY_MODE, IS_ADMITTED_SNCU,	Retrospective High-Risk Pregnancy Classification
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IS_ADMITTED_TERTIARY_HOSPITAL) • Birth defects (IS_DEFECTIVE_BIRTH, BIRTH_DEFECT_TYPE, DEFECT_SUBTYPE_OTHER) • Neonatal outcomes (IS_CHILD_DEATH, CHILD_DEATH_DATE, CHILD_DEATH_REASON) • Newborn screenings (CH, CAH, G6PDD, etc.) • Postnatal interventions (SNCU_ADMITTED, TRANSFUSION_DONE, BABY_ON_MEDICATION)	
IS_CHILD_DEATH, IS_DEFECTIVE_BIRTH, SNCU_ADMITTED	Newborn Health Risk Stratification
IS_CHILD_DEATH, CHILD_DEATH_REASON, CAUSE_OF_DEATH_IN_OTHER_CHILDREN	Neonatal Mortality Risk
CONSANGUINITY, DEFECT_HEALTH_CENTER, BIRTH_DEFECT_TYPE, G6PDD, GALACTOCEMIA, etc.	Congenital/Birth Defect Trends

File name - T_MOTHER_DEL_DTLS_vr.parquet

Column Dtype 0 MOTHER_ID object 1 GRAVIDA object 2 DATE_OF_DELIVERY datetime64[us] 3 PLACE_OF_DELIVERY object 4 DELIVERY_OUTCOME object 5 MODE_OF_DELIVERY object 6 MATERNAL_OUTCOME object 7 CASE_SHEET_NO object 8 DISTRICT_ID object 9 FACILITY_ID object 10 REASON_FOR_DEATH object 11 DATE_OF_DEATH datetime64[ns] 12 PLACE_OF_DEATH object 13 INDICATION_FOR_C_SECTION object 14 DELIVERY_INSTITUTION object 15 DELIVERY_DONE_BY object 16 CRT_USR object 17 CRT_DT datetime64[ns] 18 LST_UPD_USR object 19 LST_UPD_DT datetime64[ns] 20 IS_DELIVERED object 21 DATE_OF_DISCHARGE datetime64[us] 22 IS_MOTHER_ALIVE object 23 DEATHDTLS_UPD_IN_IMMUNE object 24 KIT_PROVIDED object 25 DEATH_DTLS_UPD_BY object 26 DEATH_DTLS_UPD_DATE datetime64[ns] 27 DELVRY_DTLS_UPD_BY object 28 DELVRY_DTLS_UPD_DATE datetime64[ns] 29 MDR_BY_DMHO object 30 MDR_BY_COLLECTOR object 31 KITS_QTY object 32 DEATH_DISTRICT object 33

DEATH_FACILITY object 34 PRIVATE_HOSP_NAME object 35 LIVE_CHILD_COUNT object 36
 TIME_OF_DEATH object 37 DATE_OF_INTERVIEW datetime64[ns] 38 RELATION_TYPE
 object 39 DELAY_TYPE object 40 DEATH_CAUSE object 41 MATERNAL_DEATH object 42
 PREVIOUS_ABORTION object 43 SUB_CAUSE_OF_DEATH object 44 CBMDR_FILE_PATH
 object 45 CASESHEET_FILE_PATH object 46 MCPCARD_FILE_PATH object 47
 DEATHSUMMARY_FILE_PATH object 48 FACBASE_MDR_FILE_PATH object 49
 CLASFCTION_DIRECT_SUB_CAUSE object 50 INDIRECT_SUB_CAUSE_OF_DEATH object
 51 CLASFCTION_INDIRECT_SUB_CAUSE object 52 PREVIOUS_ABORTION_TYPE object 53
 CBMDR_SUMMARY_FILE_PATH object 54 DEL_TIME object 55 MISOPROSTAL_TABLET
 object 56 CONDUCT_BY object 57 JSY_BENEFICIARY object 58 DISCHARGE_TIME object
 59 WEEKS_OF_PREGNANCY object 60 DEL_COMPLICATIONS object 61
 OTHER_DEL_COMPLICATIONS object 62 NOTIFICATION_SENT object 63
 FBIR_COMPLETED_BY_ANM object 64 GYNEC_MO object 65 STAFF_NURSE object 66
 AYAMMA object 67 OTHER_STATE_PLACE object 68 OTHER_STATE_PLACE_FILEPATH object
 69 OTHER_GOVТ_PLACE_FILEPATH

Prediction Goal	Key Labels/Targets	Important Predictors
Maternal death risk	IS_MOTHER_ALIVE, MATERNAL_DEATH	MODE_OF_DELIVERY, DEL_COMPLICATIONS, INDICATION_FOR_C_SECTION
Delivery complications	DEL_COMPLICATIONS, OTHER_DEL_COMPLICATI ONS	WEEKS_OF_PREGNANCY, PREVIOUS_ABORTION, MISOPROSTAL_TABLET
Risky/non-institutional deliveries	Derived from PLACE_OF_DELIVERY	JSY_BENEFICIARY, STAFF_NURSE, DELIVERY_DONE_BY, KITS_QTY
High-risk pregnancy retrospective	Derived composite label	Combo of maternal death, complications, C-section, preterm, abortion
Care delay or access-related risk	DELAY_TYPE, DEATH_CAUSE	DISCHARGE_TIME, TIME_OF_DEATH, PLACE_OF_DEATH

File name - M_ANC_DETAILS_visit_f.parquet

Column Dtype --- ----- 0 MOTHER_ID object 1 GRAVIDA object 2 REGISTRATION_DT
 datetime64[ns] 3 LMP_DT datetime64[us] 4 EXP_DOD datetime64[us] 5 PARITY object 6

ABORTIONS object 7 LIVE object 8 DEATH object 9 OBSTETRIC_FORMULA object 10
 HIGH_RISK_IDENTIFIED object 11 CRT_DT datetime64[ns] 12 CRT_USR object 13
 LST_UPD_DT datetime64[ns] 14 LST_UPD_USR object 15 KNOWN_EPILEPTIC object 16
 ASHA_DTLS object 17 SUPERVISOR_DTLS object 18 AGE float64 19 HEIGHT object 20
 BLOOD_GRP object 21 ANC1FLG object 22 ANC2FLG object 23 ANC3FLG object 24
 ANC4FLG object 25 MISSANC1FLG object 26 MISSANC2FLG object 27 MISSANC3FLG
 object 28 MISSANC4FLG object 29 EDD_UPD_ANC_NO object 30
 EDD_UPD_ANC_ADD_NO object 31 REGTYPE object 32 CURRENT_USR object 33
 ANC2_TAG_FAC_DIST object 34 ANC2_TAG_FAC_ID object 35 ANC3_TAG_FAC_DIST object
 36 ANC3_TAG_FAC_ID object 37 VDRL_DATE datetime64[us] 38 VDRL_STATUS object 39
 VDRL_RESULT object 40 HIV_DATE datetime64[us] 41 HIV_STATUS object 42 HIV_RESULT
 object 43 HBSAG_DATE datetime64[us] 44 HBSAG_STATUS object 45 HBSAG_RESULT
 object 46 DEL_OUTCOME object 47 EC_FLAG object 48 HEP_DATE datetime64[ns] 49
 HEP_STATUS object 50 HEP_RESULT object 51 HUSBAND_BLOOD_GROUP object 52
 PARA_TO_HUSBAND_BLD_GRP object

Category	Features
Demographics	AGE, HEIGHT, REGTYPE
Obstetric History	GRAVIDA, PARITY, ABORTIONS, LIVE, DEATH, OBSTETRIC_FORMULA
Health Risk Flags	KNOWN_EPILEPTIC, VDRL_RESULT, HIV_RESULT, HBSAG_RESULT, HEP_RESULT
ANC Tracking	ANC1FLG to ANC4FLG, MISSANCxFLG, EDD_UPD_ANC_NO
Blood Group Info	BLOOD_GRP, HUSBAND_BLOOD_GROUP, PARA_TO_HUSBAND_BLD_GRP
Institutional Info	ANC2_TAG_FAC_ID, SUPERVISOR_DTLS, ASHA_DTLS