Patient Identifiers
- SUBJECT_ID – Unique patient identifier across all of MIMIC
- HADM_ID – Unique identifier for each individual hospital admission for a patient
- ICUSTAY_ID – Unique identifier for each ICU admission within a single hospital admission

Patient Demographics
- SEX – Patient sex
- ETHNICITY – Specified ethnicity at the time of each patient admission
- INSURANCE – Specified insurance provider category at the time of each patient admission
- LANGUAGE – Specified language of patient at the time of each admission
- RELIGION – Specified religion at the time of each patient admission
- MARITAL_STATUS – Specified marital status at the time of each patient admission

Admission Characteristics
- ADMISSION_AGE – Age at the time of each specific patient hospital admission
- ADMISSION_TYPE – Type of patient admission (elective or emergency)
- ADMISSION_LOCATION – Detail around admission route (Emergency department, or transfer)

Outcome Flags
- HOSPITAL_EXPIRE_FLAG – Binary flag indicating if a patient died during the overall hospital admission (HADM_ID)
- ICUSTAY_EXPIRE_FLAG – Binary flag indicating if a patient died within the specific ICU admission (Each unique line)

Diagnoses
- DIAGNOSIS – Witten description of patient’s admission diagnosis for a specific hospital admission
- ICD9_CODE – 3-5 digit ICD9-CM code associated with the patients primary diagnosis for a specific hospital admission
- CCS_LVL_1 – Roll up of the ICD9_Code column into one of the 16 Clinical Classifications Software (CCS) codes describing the patient’s primary diagnosis
  - CCS_LVL_1_LABEL – Text description of Level 1 CCS code
- CCS_LVL_2 – CCS codes are hierarchical, code for level 2 of ICD9_Code roll up
  - CCS_LVL_2_LABEL – Text description of Level 2 CCS code
- CCS_LVL_3 – CCS codes are hierarchical, code for level 3 of ICD9_Code roll up
  - CCS_LVL_3_LABEL – Text description of Level 3 CCS code
- CCS_LVL_4 – CCS codes are hierarchical, code for level 4 of ICD9_Code roll up
  - CCS_LVL_4_LABEL – Text description of Level 4 CCS code
**Temporal Elements**
- **ADMITTIME** – Admission time for the overall hospital admission
- **DISCHTIME** – Discharge time for the overall hospital admission
- **INTIME** – Time of admission for a single ICU stay within a hospital admission
- **OUTTIME** – Time of discharge for a single ICU stay within a hospital admission
- **EDREGTIME** – For patients who come through the emergency department, the time they are registered in
- **EDOUTTIME** – For patients who come through the emergency department, the time they are discharged (can be admitted to the hospital/ICU at this point. Note: sometimes these overlap!)

**Logistical Elements**
- **CAREUNIT** – Hospital unit associated with the specific ICU stay
- **SERVICES** – Higher level designation of care type
  - List of all services for that hospital admission (comma delimitated)
  - Rolled up to Medical/Surgery/Trauma/Newborn
- **LOS_HOSPITAL** – Length of stay for entire hospital admission
- **LOS_ICU** - length of stay within each unique ICU admission
- **HOSPSTAY_SEQ** – For patients with multiple hospital admission, the order they occurred
  - 1 being first
- **FIRST_HOSP_STAY** – Binary flag indicating if the hospital stay was the first for a patient
- **ICUSTAY_SEQ** – For patients with ICU stays within a hospital admission, the order they occurred
  - 1 being first
- **FIRST_ICU_STAY** – Binary flag indicating if the ICU stay was the first for a patient within the hospital admission

**Clinical Factors**
- **SOFA** – Sequential Organ Failure Assessment Score
  - A morbidity severity score and mortality estimation based on lab and clinical data
- **OASIS** – Oxford Acute Severity of Illness Score
  - Designed to have an extremely low burden for data collection, requiring only 10 features, and not requiring labs, diagnosis or comorbidity information
- **GCS** - Glasgow Coma Score
  - The initial score correlates with the severity of brain injury and prognosis. GCS score in the range 3-15; with scores of 3-8 are usually said to be in a coma
- **GCS_SCORE** – Roll up grade for the GCS score of a patient
  - Higher numbers are worse
- **MECHVENT** – Binary flag indicating if the patient required the use of mechanical ventilation (breathing assistance)
- **ELECTIVESURGERY** – Binary flag indicating if the patient was in the hospital for elective surgery
- **MEANBP** – Mean blood pressure over patients first 24 hours post admission
- **MEANBP_SCORE** – Roll up grade for the mean blood pressure continuous value
  - Higher numbers are worse