The Military Personnel Data System (MILPDS) is the U.S. Air Force's primary database for personnel data and actions throughout an Airman's career, encompassing active duty, Guard, and Reserve members. It serves as the official system of record for a wide array of personnel information.

While a completely exhaustive and minutely detailed public list of every single data field is not readily available (as this would be extensive and potentially sensitive), based on available information, an Airman's record in MILPDS contains a broad spectrum of data elements covering the following key categories:

I. Personally Identifiable Information (PII):
- **Basic Identification**: Full name, Social Security Number (SSN), date of birth, place of birth, citizenship.
- **Contact Information**: Home/cell phone numbers, mailing/home address, official duty address, work email address.
- **Demographics**: Race/ethnicity, gender.

II. Military Service Information:
- **Service Data**: Date of enlistment/commission, active duty service date, pay date, component (Regular Air Force, Air Force Reserve, Air National Guard).
- **Rank and Promotion**: Current grade (rank), date of rank, promotion eligibility status.
- **Assignments and Duty Information**:
  - Personnel Accounting Symbol (PAS) & Unit Designation
  - Installation Location Code (ILC) & Base Name
  - Duty AFSC (Air Force Specialty Code)
  - Projected Position Sequence
  - Authorized Duty Title Code
  - Organizational structure and distribution of personnel.
- **Separation/Retirement Data**: Information related to separation or retirement actions, dates, and reasons.

III. Qualifications and Performance:
- **Education and Training**:
  - Education level (e.g., AEL - Academic Education Level)
  - Information on completed training courses, professional military education (PME), and certifications.
  - Skill levels (e.g., apprentice, journeyman, craftsman, superintendent).
- **AFSC Information**:
  - Primary AFSC (PAFSC)
  - Duty AFSC (DAFSC)
  - Prefixes and Special Experience Identifiers (SEI) indicating special skills or advanced training.
- **Performance Reports**: Data related to enlisted performance reports (EPRs) and officer performance reports (OPRs).
- **Awards and Decorations**: Citations and information on medals and awards received.
- **Security Data**:
  - Security Access Requirement (SAR)
  - Personnel Reliability Program (PRP) status.

IV. Financial and Other Administrative Data:
- **Pay-Related Information**: While MILPDS initiates pay actions, detailed pay records are typically maintained in a separate finance system. However, elements affecting pay such as rank, service time, and certain duty statuses are in MILPDS.
- **Leave Data**: Information on accrued and used leave.
- **Dependent Information**: Data related to dependents for benefits and entitlements.
- **Casualty Assistance Information**.

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