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3. 3D Model Data Management

3D model data management involves the storage, organization, and retrieval of 3D model files. This includes handling various file formats such as STEP, IGES, and CAD files, and ensuring data integrity and security.

4. 3D Model Data Integration

3D model data integration involves the process of combining 3D model data with other data sources, such as CAD files, to create a unified 3D model. This process often involves the use of software tools like AutoCAD and the creation of 3D model data files.

5. 3D Model Data Analysis

3D model data analysis involves the process of analyzing 3D model data to extract meaningful information. This can include tasks such as identifying features, measuring dimensions, and performing simulations. The analysis is often performed using specialized software tools.