**Case Study: IPL Cricket Match Data Integration**

The Indian Premier League (IPL) is a professional Twenty20 cricket league featuring franchise teams competing in a round-robin and knockout format. It has become one of the most popular and financially lucrative cricket tournaments globally with its international appeal and impact on player development and the economics of the sport, the IPL has revolutionized cricket and become a symbol of the sport's global expansion.

IPL collects a vast amount of data during each match, capturing various aspects of player performance, team statistics, match outcomes, and more. The ball-by-ball data provides detailed information about every delivery bowled in each match, including match details, ball details, player details, season details, venue details and other related entities like batting style, bowling style, roles, outcomes, etc.

As a data engineer your objective is to create a data model and an ETL pipeline aiming to leverage the wealth of ball-by-ball data from IPL matches to drive various aspects of the cricket ecosystem. By providing timely, accurate, and insightful data, the pipeline empowers stakeholders to make informed decisions and maximize their impact within the IPL cricket landscape.

Create a data model design and pipeline which should be implemented in SSIS and include below features:

1. Data Validation
2. Bad Data Handling
3. Data Transformation
4. Incremental Loading
5. Error and success handling
6. Logging
7. Scheduling

The pipeline should follow all the development best practices, naming conventions and component usage.

**Deliverables**

* Fully functional SSIS packages for data extraction, transformation, and loading.
* Relational database schema for the IPL cricket match data model.

Documentation covering the pipeline architecture, data model, ETL processes, and SSIS package configurations.