The diagram illustrates a layered architecture for the AI-Powered Smart Shopping Assistant. The **Presentation Layer** (View) includes the Web/Mobile Interface that interacts directly with the user. The **Application Layer** represents the **Controller**, managing user requests through modules such as Authentication, Product Search, Chatbot Assistance, and the Recommendation Engine. The **Data Layer** represents the **Model**, handling all data operations through the User and Product databases. This MVC structure ensures clear separation between interface, logic, and data, enhancing maintainability and scalability.

