Field Types

Key Insights:

1. **Basic Fields**:
   - **Data**: A simple text field allowing up to 140 characters.
   - **Link**: Connects to another master to fetch data.
   - **Dynamic Link**: Can search and hold the value of any document/doctype.
   - **Check**: Provides a checkbox.
   - **Select**: Creates a drop-down field with specified selectable values.
   - **Table**: Renders another DocType as a child table within the form.
2. **Media Fields**:
   - **Attach**: Allows file attachment from the File Manager.
   - **Attach Image**: Specifically for attaching image files.
   - **Image**: Renders an image file selected in another attach field.
   - **Signature**: For adding digital signatures.
3. **Text Fields**:
   - **Text Editor**: Renders a WYSIWYG editor with text-formatting options.
   - **Small Text, Long Text, Text**: Different text fields based on character limits.
   - **Markdown Editor**: Allows text input in markdown with a preview of rendered HTML.
4. **Numeric & Date Fields**:
   - **Date**: For date input.
   - **Date and Time**: Provides both date and time pickers.
   - **Barcode**: For entering barcode numbers.
   - **Currency, Float, Int**: Various numeric fields with different precision levels.
   - **Percent**: Represents percentage values.
   - **Rating**: Displays an interactive star rating input.
   - **Duration**: Represents a timespan.
5. **Advanced Fields**:
   - **Code**: For code input with optional syntax highlighting.
   - **Color**: Provides a color picker or allows hexadecimal color input.
   - **Geolocation**: Shows a map view for drawing polygons, lines, and points.
   - **HTML**: Renders content entered as HTML.
   - **JSON**: Creates a JSON type column in the database.
6. **Utility Fields**:
   - **Column Break & Section Break**: Used for layout purposes to divide the form.
   - **Button**: Places a button in a document for specific actions.
   - **Read Only**: Displays fetched data that's non-editable.
   - **Password**: Encoded field for sensitive data.