Here are detailed notes on the topics you requested:

### \*\*FBDI - Using Excel Templates to Create Invoices\*\*

- \*\*File-Based Data Import (FBDI)\*\* is a method in Oracle ERP to import bulk data using predefined Excel templates.

- Users fill out \*\*Excel templates\*\* with invoice details and convert them into CSV files.

- The \*\*Import Payables Invoices\*\* process loads invoices into Oracle Payables from interface tables.

- Key tables involved: \*\*AP\_INVOICES\_INTERFACE\*\* and \*\*AP\_INVOICE\_LINES\_INTERFACE\*\*.

- More details can be found [here](https://docs.oracle.com/en/cloud/saas/financials/24b/oefbf/payablesstandardinvoiceimport-3176.html) and [here](https://docs.oracle.com/en/cloud/saas/financials/25a/oefbf/autoinvoiceimport-3113.html).

### \*\*Account Payables - Creating and Registering Supplier, Contacts, Contact Points, Addresses\*\*

- Suppliers can be created \*\*manually\*\* or using \*\*interface template file import\*\*.

- Supplier details include \*\*contacts, addresses, and payment terms\*\*.

- The \*\*Create Supplier Contact API\*\* allows assigning contacts to existing addresses.

- Oracle Payables setup involves defining \*\*supplier sites, payment methods, and tax details\*\*.

- More details are available [here](https://blogs.oracle.com/ebs/post/use-the-create-supplier-contact-api-to-assign-supplier-contacts-to-existing-addresses) and [here](https://docs.oracle.com/cd/E18727\_01/doc.121/e12795/T434884T434887.htm).

### \*\*Account Receivables - Creating Customer, Transactions, and Receipts\*\*

- Customers and transactions can be created \*\*manually\*\* or imported using \*\*AutoInvoice\*\*.

- Receipts can be processed via \*\*lockbox, manual entry, or spreadsheet import\*\*.

- The \*\*Receivables Create and Apply Receipt Service\*\* integrates payments with invoices.

- Key tables: \*\*AR\_INTERFACE\_CONTS\_ALL\*\*, \*\*RA\_INTERFACE\_LINES\_ALL\*\*.

- More details can be found [here](https://docs.oracle.com/en/cloud/saas/financials/24c/fairp/overview-of-oracle-receivables.html) and [here](https://www.oracle.com/webfolder/technetwork/docs/oer-misc-files/fin-CreateAndApplyReceiptServiceAM.pdf).

### \*\*User Key, Source Key, GUID, Surrogate Key\*\*

- \*\*GUID (Globally Unique Identifier)\*\*: System-generated hexadecimal ID for records.

- \*\*Surrogate Key\*\*: Numeric system-generated ID used internally.

- \*\*Source Key\*\*: User-defined identifier for integration between systems.

- \*\*User Key\*\*: Readable identifier based on business attributes.

- More details are available [here](https://docs.oracle.com/en/cloud/saas/human-resources/25b/fahdl/supported-key-types.html) and [here](https://doyensys.com/blogs/oracle-fusion-hcm-data-loader-hdl-keys/).

### \*\*Commands: METADATA, MERGER, SET, DELETE, COMMENT\*\*

- \*\*METADATA\*\*: Defines the structure of data files in Oracle HCM Data Loader.

- \*\*MERGER\*\*: Used in metadata utilities to merge changes.

- \*\*SET\*\*: Assigns values to attributes in data files.

- \*\*DELETE\*\*: Removes records from the system.

- \*\*COMMENT\*\*: Adds remarks in data files for documentation.

- More details can be found [here](https://docs.oracle.com/en/applications/enterprise-performance-management/11.2/hfmam/using\_the\_metadata\_merge\_utility.html) and [here](https://docs.oracle.com/middleware/1221/core/FCCCR/custom\_mds.htm).

### \*\*Business Object\*\*

- A \*\*Business Object\*\* represents an entity like a customer, invoice, or employee.

- It encapsulates \*\*attributes, methods, and events\*\* for business processes.

- Used in \*\*SAP, Oracle, and other ERP systems\*\* for workflow automation.

- More details are available [here](https://learning.sap.com/learning-journeys/acquire-core-abap-skills/analyzing-a-business-object\_e13b47d7-3cba-4cb4-a1f0-158b19ecf3b4) and [here](https://www.tutorialspoint.com/sap\_business\_workflow/sap\_business\_workflow\_business\_object.htm).

### \*\*HCM Data Loader - Using Data Files to Create Objects\*\*

- \*\*HCM Data Loader (HDL)\*\* imports bulk HR data using \*\*.dat files\*\*.

- Supports objects like \*\*Location, Organization, Job Family, Job, Grades, Position, Worker\*\*.

- Uses \*\*Source Keys\*\* for integration and \*\*User Keys\*\* for readability.

- More details can be found [here](https://docs.oracle.com/en/cloud/saas/human-resources/24d/fahdl/hcm-data-loader-data-and-zip-files.html) and [here](https://docs.oracle.com/en/cloud/saas/tutorial-hdl-load-files/).

### \*\*HCM Extract - Extract Employee Details\*\*

- \*\*HCM Extracts\*\* retrieve employee data like \*\*name, email, phone, job, position, location\*\*.

- Extracts can be scheduled and formatted in \*\*CSV, XML, Excel, PDF\*\*.

- More details are available [here](https://community.oracle.com/customerconnect/discussion/45445/sample-employment-hcm-extracts) and [here](https://docs.oracle.com/en/cloud/saas/field-service/faint/c-oracle-hcm-ofs-employee-extract-integration.html).

### \*\*HCM Extract - Creating Decoded Database Item, Rule, Summary, String, Record Calculation\*\*

- \*\*Decoded Database Items\*\* map system values to readable formats.

- \*\*Rules\*\* define conditions for extracting data.

- \*\*Record Calculation\*\* applies formulas to derive values.

- More details can be found [here](https://community.oracle.com/customerconnect/discussion/543442/how-to-decode-values-in-hcm-extract-with-decoded-database-item-group) and [here](https://apps2fusion.com/old/oracle-fusion-online-training/fusion-applications/fusion-payroll/1779-using-record-calculation-extract-attribute-for-hcm-extract).

### \*\*Fast Formulas - Writing Logic and Linking to HCM DG Record\*\*

- \*\*Fast Formulas\*\* automate calculations in Oracle HCM.

- Used for \*\*payroll, benefits, and data extraction\*\*.

- Can be linked to \*\*HCM Extract attributes\*\* for dynamic calculations.

- More details are available [here](https://maboracle.blogspot.com/2025/04/fast-formulas-in-hcm-extracts.html) and [here](https://docs.oracle.com/en/cloud/saas/human-resources/24d/fahex/hcm-extract-formula-types.html).

### \*\*HCM Extract Instance - Submitting HCM Extract to Generate a Report\*\*

- \*\*HCM Extract Instances\*\* are scheduled processes that generate reports.

- Extracts can be submitted manually or via \*\*Payroll Flow Patterns\*\*.

- Reports can be delivered via \*\*email, FTP, or BI Publisher\*\*.

- More details can be found [here](https://docs.oracle.com/en/cloud/saas/human-resources/25b/tutorial-hdl-extract-flow/index.html) and [here](https://docs.oracle.com/en/cloud/saas/human-resources/25a/fahex/submit-an-extract.html).

Let me know if you need further explanations or examples! 😊

- \*\*FBDI - Using Excel Templates to Create Invoices\*\*: [Oracle FBDI Guide]( <https://docs.oracle.com/en/cloud/saas/supply-chain-and-manufacturing/24d/faips/file-based-data-import.html> )

- \*\*Account Payables - Creating and Registering Supplier, Contacts, Contact Points, Addresses\*\*: [Oracle Payables User Guide] ( <https://docs.oracle.com/cd/E18727_01/doc.121/e12797/toc.htm> )

- \*\*Account Receivables - Creating Customer, Transactions, and Receipts\*\*: [EBS Accounts Receivable Guide]( <http://www.ebsguide.com/financials/accounts-receivable-ar/> )

- \*\*User Key, Source Key, GUID, Surrogate Key\*\*: [Oracle Fusion HCM Data Loader Keys]( <https://doyensys.com/blogs/oracle-fusion-hcm-data-loader-hdl-keys/> )

- \*\*Commands: METADATA, MERGER, SET, DELETE, COMMENT\*\*: [Metadata Merger Tool Guide]( <https://help.aristotlemetadata.com/special-features/metadata-merger-tool/how-to-set-up-rules-in-the-merger-tool> )

- \*\*Business Object\*\*: [SAP BusinessObjects Navigation]( <https://learning.sap.com/learning-journeys/creating-sap-businessobjects-universes-using-the-information-design-tool/defining-and-creating-navigation-paths_c11d54a8-b2b3-4c36-ba14-6f29de4afe9f> )

- \*\*HCM Data Loader - Using Data Files to Create Objects\*\*: [Oracle HCM Data Loader Guide]( <https://docs.oracle.com/en/cloud/saas/tutorial-hdl-load-files/index.html> )

- \*\*HCM Extract - Extract Employee Details\*\*: [Sample Employment HCM Extracts]( <https://community.oracle.com/customerconnect/discussion/45445/sample-employment-hcm-extracts> )

- \*\*HCM Extract - Creating Decoded Database Item, Rule, Summary, String, Record Calculation\*\*: [Decoded Database Item Guide]( <https://community.oracle.com/customerconnect/discussion/543442/how-to-decode-values-in-hcm-extract-with-decoded-database-item-group> )

- \*\*Fast Formulas - Writing Logic and Linking to HCM DG Record\*\*: [HCM Extract Formula Types] ( <https://docs.oracle.com/en/cloud/saas/human-resources/24d/fahex/hcm-extract-formula-types.html> )

- \*\*HCM Extract Instance - Submitting HCM Extract to Generate a Report\*\*: [Submit an Extract]( <https://docs.oracle.com/en/cloud/saas/human-resources/25a/fahex/submit-an-extract.html> )

These guides provide step-by-step navigation, theoretical explanations, and practical examples to help you understand each topic thoroughly. Let me know if you need specific clarifications! 😊