**ER - Diagram for CUBS Data warehouse**

Updated: 8. January 2026

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## Sale

### dim_Prospect
- PK skey_Prospect
- source_id
- external_id
- customer_type
- first_name
- last_name
- alternative_first_name
- alternative_last_name
- birthdate
- alternative_birthdate
- cvr
- company_name
- industry_code
- email
- phone
- prospect_address_id
- transferred_at
- regret_period
- regret_period_ends_at
- binding_period
- billing_interval
- billing_offset
- customer_number
- created_at
- updated_at

### fact_ProspectDelivery
- PK skey_ProspectDelivery
- skey_Prospect
- skey_Address_prospect
- skey_Address_delivery
- skey_Date_start

### dim_ProspectDelivery
- PK skey_ProspectDelivery
- source_id
- delivery_type
- identifier
- external_id
- product_bundle_id
- prospect_id
- prospect_address_id
- terminated_reason
- user_id
- creation_source
- sales_person
- creation_type
- estimated_usage_quantity
- estimated_usage_unit
- start_date
- created_at
- updated_at

### dim_ProspectDeliveryProductAssociation
- PK skey_ProspectDeliveryProductAssociation
- source_id
- prospect_delivery_id
- override_price
- product_id
- price_list_id
- created_at
- updated_at

## Invoice

### dim_InvoiceBasisAggregated
- PK skey_InvoiceBasisAggregated
- invoice_id
- delivery_id
- delivery_type
- display_name
- account_no
- quantity
- unit
- period_start_date
- period_end_date
- price
- vat
- tags
- is_realized
- is_reversed
- is_estimated
- created_at
- updated_at
- sync_at

### fact_InvoiceBasisAggregated
- PK skey_InvoiceBasisAggregated
- skey_Invoice
- skey_Delivery
- skey_Date_invoiced
- sync_at

### fact_InvoiceBasis
- PK skey_InvoiceBasis
- skey_Invoice
- skey_Delivery
- skey_Product
- skey_Date_invoiced

### hist_InvoiceEvent
- source_id
- invoice_id
- code
- created_at

### dim_Invoice
- PK skey_Invoice
- source_id
- invoice_no
- invoice_date_at
- invoice_due_at
- tags
- created_at
- updated_at
- sync_at
- user_id
- agreement_id

### fact_Invoice
- PK skey_Invoice
- skey_Agreement
- skey_Customer
- skey_DebtorAccountPost
- skey_Date_invoiced
- skey_Date_due
- is_paid
- is_invoiced
- is_credit_note
- reminder_state
- reminder_level
- reminder_next_transition_at
- total_ex_vat
- vat
- skey_User_close
- reminder_on_hold
- reminder_display_name
- is_sent_to_collector
- is_marked_for_collector
- skey_PaymentRequest_first
- skey_PaymentRequest_latest
- refreshed_at

### dim_InvoicedUsage
- PK skey_InvoicedUsage
- source_id
- start_date
- end_date
- quantity
- unit
- usage_source
- delivery_id
- delivery_type
- reversal_of_id
- identifier
- created_at
- updated_at
- deleted_at

## Customer / Agreement

### fact_InstallmentAgreement
- PK skey_InstallmentAgreement
- skey_DebtorAccountPost
- skey_Agreement
- skey_DebtorAccount
- skey_Date_first_rate

### dim_InstallmentAgreement
- PK skey_InstallmentAgreement
- source_id
- origin_id
- origin_type
- agreement_id
- user_id
- opening_fee
- no_of_payments
- amount
- date_for_first_payment
- payment_interval
- payment_method
- created_at
- updated_at
- external_id
- customer_id
- start_date
- end_date
- billing_blocked_at
- debtor_account_id
- terminated_reason_id
- completed_at

### fact_Customer
- PK skey_Customer
- skey_Address
- active_deliveries
- is_in_debtcollection
- refreshed_at

### dim_Customer
- PK skey_Customer
- source_id
- external_id
- customer_number
- alternative_customer_number
- customer_reference
- customer_type
- birthdate
- alternative_birthdate
- has_cpr
- alternative_has_cpr
- cpr
- alternative_cpr
- cvr
- industry_code
- address_id
- email_permission
- tags
- created_at
- updated_at
- first_name
- last_name
- gender
- alternative_first_name
- alternative_last_name
- alternative_gender
- company_name
- email
- phone
- alternative_phone

### dim_Address
- PK skey_Address
- source_id
- type
- first_name
- last_name
- alternative_first_name
- alternative_last_name
- company_name
- email
- phone
- street_name
- street_code
- street_no
- street_letter
- floor
- side
- placename
- zip_code
- created_at
- updated_at
- deleted_at
- user_id
- alternative_phone
- city
- dar_reference
- source
- entity_type
- entity_id
- external_sync_at
- sync_at

### dim_Agreement
- PK skey_Agreement
- source_id
- external_id
- status
- alias
- customer_id
- debtor_account_id
- billing_address_id
- type
- billing_type
- billing_interval
- billing_offset
- start_date
- end_date
- binding_period
- binding_period_ends_at
- payment_term
- send_invoice_on_email
- customer_reference
- tags
- created_at
- updated_at
- sync_at

### dim_SubscriptionMethod
- PK skey_SubscriptionMethod
- source_id
- agreement_id
- subscription_method_type
- priority
- created_at
- updated_at

### fact_Agreement
- PK skey_Agreement
- skey_Customer
- skey_Address_billing
- skey_Invoice_latest
- skey_Debtoraccount
- has_pbs_subscription
- has_creditcard_subscription
- has_flk_subscription
- has_oio_subscription
- has_email_subscription
- has_mobilepay

## Debtor account & Finance

### dim_LedgerEntry
- PK skey_LedgerEntry
- entry_no
- source_id
- external_account_no
- customer_id
- posted_at
- booked_at
- currency_code
- amount
- additional_information
- source_object_type
- source_object_id
- created_at
- sync_at

### fact_Finance
- PK skey_LedgerEntry
- skey_Customer
- skey_Date_posted
- skey_Date_booked
- source_entry_no
- refreshed_at

### dim_DebtorAccount
- PK skey_DebtorAccount
- source_id
- customer_id
- external_id
- type
- title
- external_account_no
- created_at
- updated_at

### fact_DebtorAccount
- PK skey_DebtorAccount
- skey_Customer
- skey_DebtorAccountPost_latest
- balance

### dim_DebtorAccountPost
- PK skey_DebtorAccountPost
- source_id
- urn
- debtor_account_id
- source_object_id
- source_object_type
- text
- initial_amount
- balance
- user_id
- posted_at
- effectuated_at
- created_at
- updated_at
- booked_at
- sync_at

### hist_DebtorAccountEqualizationAmount
- PK skey_DebtorAccountPost
- debtor_account_equalization_id
- amount
- effectuation_date
- created_at
- updated_at
- deleted_at

### hist_DebtorAccountEqualization
- source_id
- debit_id
- credit_id
- amount
- user_id
- effectuation_date
- created_at
- updated_at
- deleted_at

## Products, Price lists and Product packages

### hist_DeliveryProduct
- source_id
- delivery_type
- delivery_id
- product_id
- override_price
- start_date
- end_date
- user_id
- created_at
- updated_at

### hist_ProductPriceList
- source_id
- product_id
- price_list_id

### dim_PriceList
- PK skey_PriceList
- source_id
- code
- name
- resolution
- unit
- is_disabled
- created_at
- updated_at

### fact_ProductRelation
- PK skey_Delivery
- PK skey_ProductBundle
- PK skey_ProductRelationGroup
- PK skey_ProductRelation

### dim_Product
- PK skey_Product
- source_id
- internal_name
- external_name
- code
- tags
- customer_type
- start_date
- end_date
- user_id
- product_group_internal_name
- product_group_external_name
- product_group_code
- vat_group_code
- vat_group_name
- vat_group_rate
- external_account_no
- created_at
- updated_at

### dim_ProductRelation
- PK skey_ProductRelation
- source_id
- product_relation_group_id
- product_bundle_id
- start_date
- end_date
- created_at
- updated_at
- deleted_at

### dim_ProductRelationGroup
- PK skey_ProductRelationGroup
- source_id
- object_id
- object_type
- is_breakable
- parent_id
- replaces_id
- delivery_type
- created_at
- updated_at
- deleted_at
- product_group_id
- product_group_internal_name
- product_group_external_name
- product_group_code

### dim_ProductRelationAssociation
- PK skey_ProductRelationAssociation
- source_id
- product_relation_id
- override_price
- product_id
- price_list_id
- created_at
- updated_at
- deleted_at

### dim_ProductPrice
- PK skey_ProductPrice
- source_id
- price
- unit
- start_date
- end_date
- price_list_id
- user_id
- created_at
- updated_at
- deleted_at

### dim_ProductBundle
- PK skey_ProductBundle
- source_id
- product_group_id
- product_group_internal_name
- product_group_external_name
- product_group_code
- code
- type
- delivery_type
- internal_name
- external_name
- is_active
- collapse_lines
- created_at
- updated_at

### dim_ProductBundleAssociation
- PK skey_ProductBundleAssociation
- source_id
- product_bundle_id
- product_id
- price_list_id
- created_at
- updated_at
- deleted_at

## Delivery

### fact_Delivery
- PK skey_EstimatedAnnualVolume
- PK skey_Agreement
- PK skey_Customer
- PK skey_Address
- PK skey_Delivery
- skey_Date_start
- skey_Date_end
- skey_Invoice_latest
- is_started
- is_ended
- is_active
- refreshed_at

### dim_DeliveryTypeInfo
- PK skey_Delivery
- field_name
- field_value
- created_at
- updated_at

### hist_EstimatedAnnualVolume
- delivery_type
- source_id
- identifier
- effectuation_date
- quantity
- unit
- created_at
- source
- deleted_at

### hist_ElectricalMeteringpointMasterdata
- source_id
- identifier
- settlement_method
- net_settlement_group
- type
- subtype
- grid_area_code
- physical_mp_status
- disconnection_type
- meter_reading_occurrence
- created_at
- sync_at

### dim_Delivery
- PK skey_Delivery
- source_id
- delivery_type
- identifier
- external_id
- parent_delivery_id
- customer_id
- address_id
- delivery_id
- agreement_id
- terminated_reason
- market_terminated_reason
- source
- sales_person
- start_date
- end_date
- market_start_date
- market_end_date
- billing_blocked_at
- billing_finalized_at
- user_id
- customer_reference
- additional_information
- created_at
- updated_at
- sync_at

### dim_EstimatedAnnualVolume
- PK skey_EstimatedAnnualVolume
- delivery_type
- delivery_id
- identifier
- effectuation_date
- quantity
- unit
- created_at
- source

### dim_ElectricalMeteringpointMasterdata
- PK skey_ElectricalMeteringpointMasterdata
- identifier
- settlement_method
- net_settlement_group
- type
- subtype
- grid_area_code
- physical_mp_status
- disconnection_type
- meter_reading_occurrence
- created_at
- sync_at

### fact_UsageAggregated
- PK skey_UsageAggregated
- source
- delivery_type
- identifier
- start_date
- end_date
- quantity
- unit
- created_at
- sync_at

### hist_DeliveryProduct
- source_id
- delivery_type
- delivery_id
- product_id
- override_price
- start_date
- end_date
- user_id
- created_at
- updated_at

## Misc

### dim_Date
- PK skey_Date
- Date
- DayOfWeek
- WeekdayAbbreviation
- WeekdayName
- Week
- WeekOfYear
- DayOfMonth
- Month
- MonthAbbreviation
- MonthName
- DayOfYear
- Quarter
- QuarterAbbreviation
- QuarterName
- HalfYear
- HalfYearAbbreviation
- HalfYearName
- Year
- Weekday
- WeekDate

### dim_PaymentRequest
- PK skey_PaymentRequest
- source_id
- urn
- amount
- collect_at
- reference_type
- cancelled_at
- rejected_at
- confirmed_at
- created_at
- updated_at

### hist_PaymentRequestRelation
- source_id
- payment_request_id
- debtor_account_post_id
- created_at