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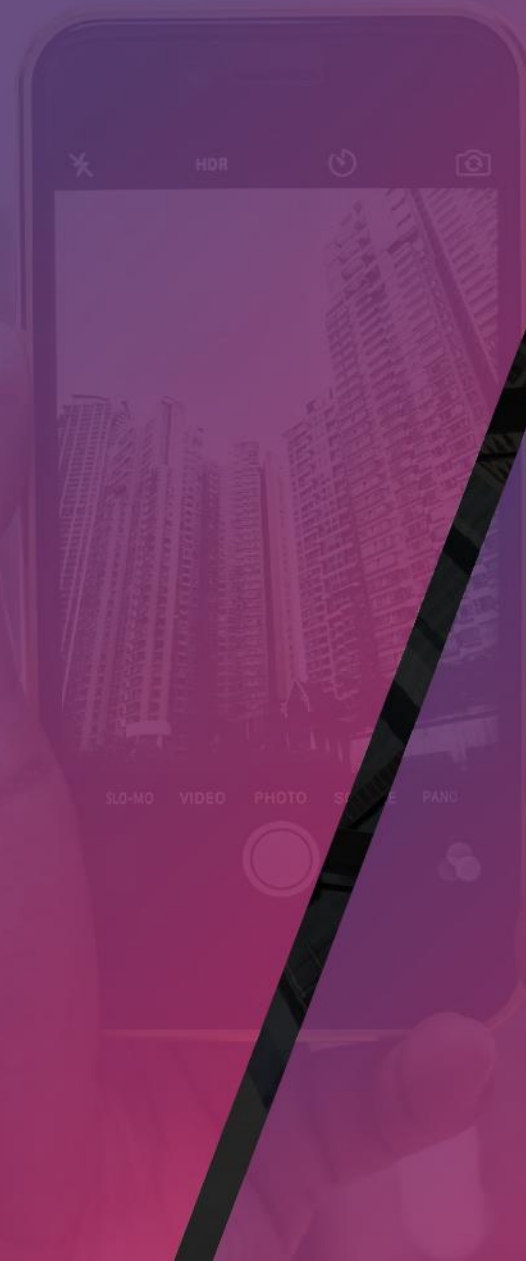
The Future of Insurance Starts Here

Transactional Views

AGENDA

- Introduction
- Transactional Views
- Case Study

Introduction

- Transaction Tables:
  - Transaction tables will contain data about the policies (policy transaction).
  - Transactional tables will always be present in target environment.
  - They will be created at the time of Build and Install.
  - For transactional tables a corresponding view will be created during Build and Install. e.g. For table MIS_COV_CA_LIABILITY a view by name VW_MIS_COV_CA_LIABILITY will be created.
  - It is recommended to refer views for accessing transactional data.

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Transactional Views

- There are four different types of views –
  - VW – Normal View
  - RT – Rating View
  - AT – Audit View
  - EV – Referred by the policy engine / framework team. Not to be used by the   content team.

- VW Views - Normal View. 95% of the times the VW views will be referred. Holds only Active records. One should always use views for writing and viewing queries.

Transactional Views

- RT Views - RT view holds records required for Rating.

- The total records in this view is in the context of the current transaction. For e.g. While performing Additional Endorsement transaction it would contain records for all existing and newly added coverage.

- It holds deleted as well as active records. It means while doing an endorsement if a coverage is deleted then a column AUDIT_FLAG = E (Erased) is set in this table.

- AUDIT_FLAG values in RT and AT views :
  - Null - New record
  - A - Added in the endorsement
  - M - Modified an existing record
  - E - Erased When a record is deleted
  - D - Deleted.

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Case Study

Transaction	Change Description	Coverage	VW	RT	AT	Comments
New Business		A, B, C	3	3	3	
Endorsement	Deleted C Coverage	A, B	2	3	3	
Endorsement	Added D Coverage	A, B, D	3	3	4	Here RT will hold 3 records as in the context of the 2nd endorsement there are a total of 3 coverage.

- All of the above views associated with a transaction table will be created during the build and install.

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Example for views

- Book a New Business having Uninsured Motorist and Liability coverage at State Coverage level, whereas OTC coverage at Vehicle level. And then refer below mentioned views(vw views):

  (Entity Reference is Policy No)
    - Select * from vw_mis_cov_ca_UM

  where entity_reference = 'P01CA0000000070000';

    - Select * from vw_mis_cov_ca_otc

  where entity_reference = 'P01CA0000000070000';

    - Select * from vw_mis_cov_ca_liability

  where entity_reference = 'P01CA0000000070000';

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Example for views

- RT View :
  - Select * from rt_mis_cov_ca_UM
    where entity_reference = 'P01CA0000000007000';

  - Select * from rt_mis_cov_ca_otc
    where entity_reference = 'P01CA0000000070000';

  - Select * from rt_mis_cov_ca_liability
    where entity_reference = 'P01CA0000000070000';

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Example for views

- AT View :
  - Select * from at_mis_cov_ca_UM
    where entity_reference = 'P01CA0000000070000';

  - Select * from at_mis_cov_ca_otc
    where entity_reference = 'P01CA00000000070000';

  - Select * from at_mis_cov_ca_liability
    where entity_reference = 'P01CA00000000070000';

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Example for views

- Now perform an endorsement on Policy by removing OTC coverage on Vehicle and execute below mentioned query.
- Note : Endorsement will result into a new revision on Policy hence Policy no will be incremented by 1 :
  - Select * from vw_mis_cov_ca_UM
    where entity_reference = 'P01CA0000000070001';

  - Select * from vw_mis_cov_ca_otc
    where entity_reference = 'P01CA0000000070001';

  - Select * from vw_mis_cov_ca_liability
    where entity_reference = 'P01CA0000000070001';

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Example for views

- RT Views

  - Select * from rt_mis_cov_ca_UM
    where entity_reference = 'P01CA0000000070001';

  - Select * from rt_mis_cov_ca_otc
    where entity_reference = 'P01CA0000000070001';

  - Select * from rt_mis_cov_ca_liability
    where entity_reference = 'P01CA0000000070001';

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Example for views

- AT Views

  - Select * from at_mis_cov_ca_UM
    where entity_reference = 'P01CA0000000070001';

  - Select * from at_mis_cov_ca_otc
    where entity_reference = 'P01CA0000000070001';

  - Select * from at_mis_cov_ca_liability
    where entity_reference = 'P01CA0000000070001';

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Example for views

- Now perform an endorsement on Policy by adding Collision coverage on Vehicle and execute below mentioned query.
- Note : Endorsement will result into a new revision on Policy hence Policy no will be incremented by 1 :
  - Select * from vw_mis_cov_ca_UM

    where entity_reference = 'P01CA0000000070002';

  - Select * from vw_mis_cov_ca_collision

    where entity_reference = 'P01CA0000000070002';

  - Select * from vw_mis_cov_ca_liability

    where entity_reference = 'P01CA0000000070002';

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Example for views

- RT Views

  - Select * from rt_mis_cov_ca_UM
    where entity_reference = 'P01CA0000000070002';

  - Select * from rt_mis_cov_ca_collision
    where entity_reference = 'P01CA0000000070002';

  - Select * from rt_mis_cov_ca_liability
    where entity_reference = 'P01CA0000000070002';

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Example for views

- AT Views

  - Select * from at_mis_cov_ca_UM
  - where entity_reference = 'P01CA0000000070002';

  - Select * from at_mis_cov_ca_otc
  - where entity_reference = 'P01CA0000000070002';

  - Select * from at_mis_cov_ca_collision
  - where entity_reference = 'P01CA0000000070002';

  - Select * from at_mis_cov_ca_liability
  - where entity_reference = 'P01CA0000000070002';

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THANK YOU!