

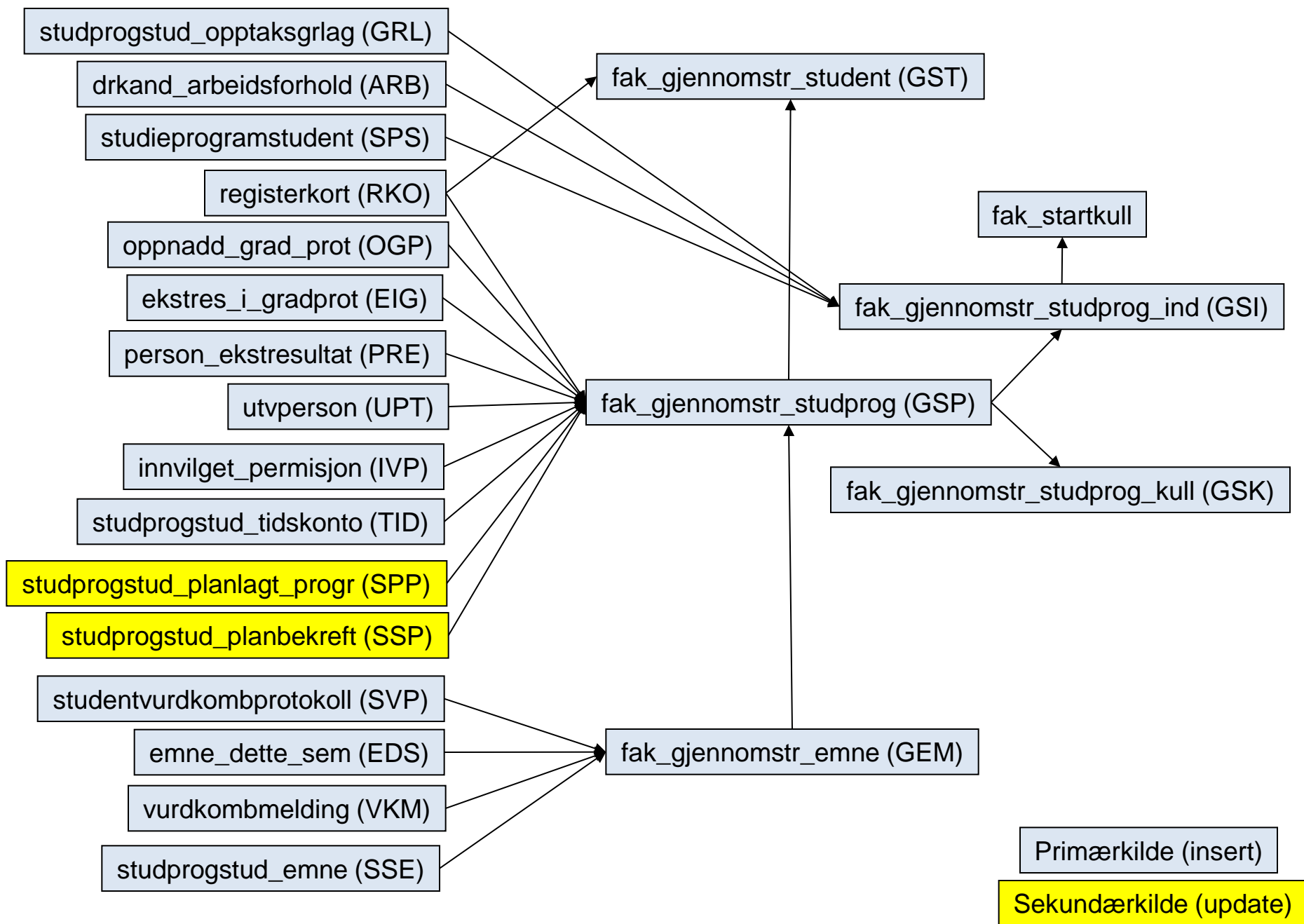
STAR-workshop 22.10.2014

- Fra FS til DV: Hva gjør vi på veien?
- Tableau-arkitektur overordnet
- Hovedobjekter på Server:
 - Projects
 - Workbooks
 - Views
 - Data Sources

Gjennomstrømming: Fra FS til DV

- Standard-semester: VÅR/HØST
- Fra dato til semester (VÅR/HØST)
- For grader: Januar = Høst, Juli/August = Vår
- Utbretting: Fra-til-semester omdannes til flere rader
- Sammenslåing av tabeller på samme nivå (emne/program/student)
- Aggregering fra emne til program til student
- Prioritert program: Grad-/utdplan- eller primærprogram
- FYLT-felter gir sporbarhet tilbake til kildetabell
- Noen tabeller er primære (=> insert), andre sekundære (=> update)
- Helt nye elementer:
 - Semester-tellere: Kalender, brutto og netto (tar hensyn til permisjon/progresjon)
 - Akkumulerte studiepoeng
 - Planlagte studiepoeng (hentes fra EMNE)

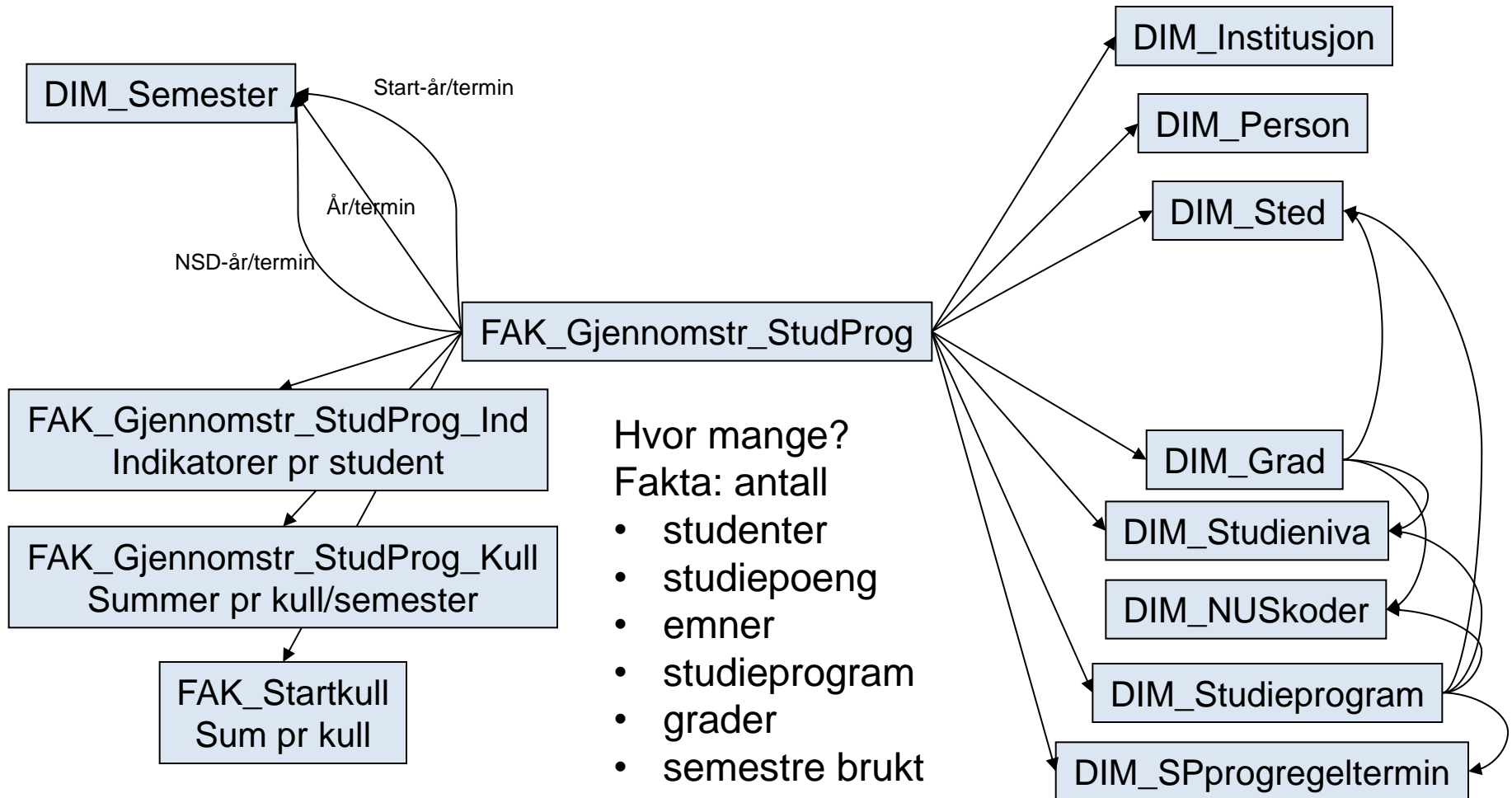
Dataflyt FS-mart: Gjennomstrømming



Gjennomstrømming: Stjerneskjema GSP (studieprogram)

Når?

Hvem?



Hvor?

Studentens hjemsted

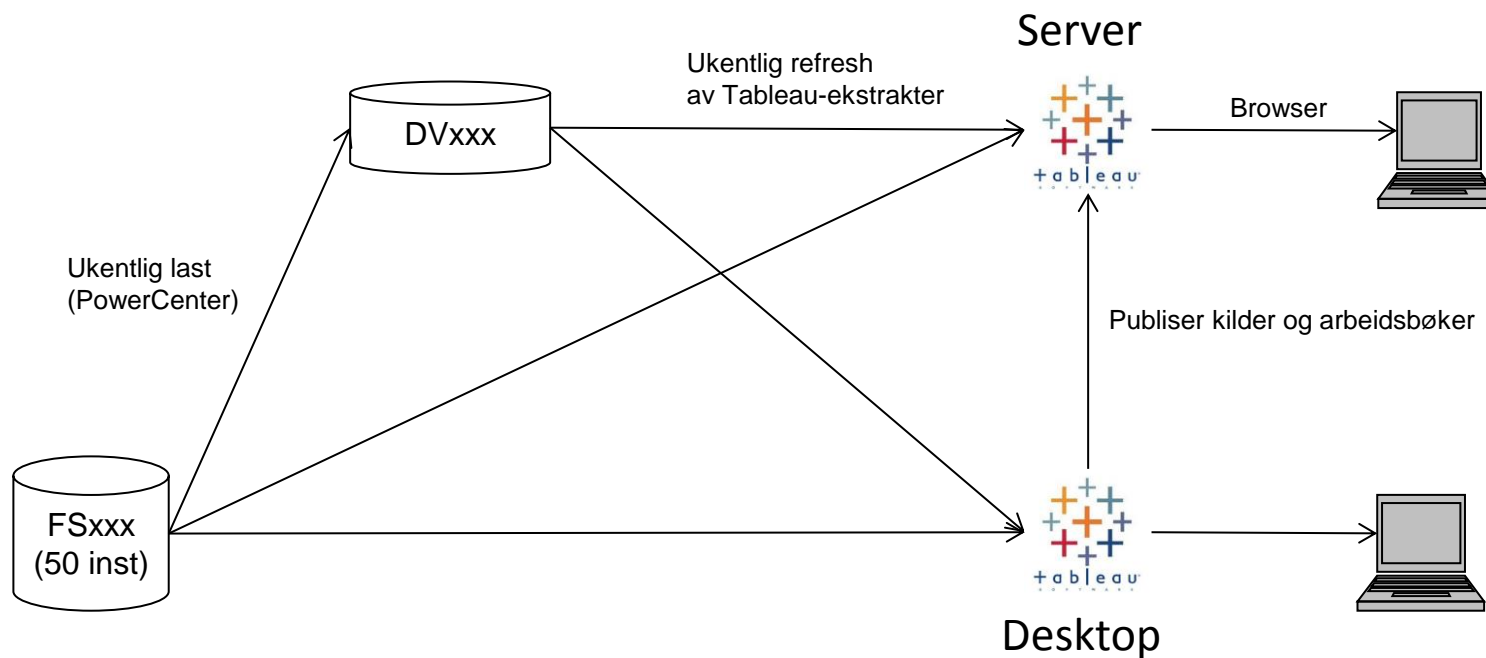
Hva?

Tableau mot DV/FS

Desktop installeres på terminalserver (eller PC)
(Krever brannmuråpning mot aktuelle databaser)

Live: Lesing fra databasen

Ekstrakt: Data kopieres til Server eller Desktop



Hovedelementer på Server

- Site: Overordnet inndeling: En felles site for FS/FS-mart
- Projects: Mappe for å lagre de andre objektene: Workbooks og Data Sources. Vi har foreløpig 3 prosjekter:
 - FS
 - FS-mart
 - Sandkasse
- Workbooks: Alle rapporter/visninger/views/dashbord lagres i en arbeidsbok, f.eks.
 - FSDM_VPR4.1 Studiepoengproduksjon
- Views: En fellesbetegnelse for arkene i en arbeidsbok, kan være enten en enkel visning eller et sammensatt dashbord
 - FSDM_VPR4.1A
- Data Sources: Datakilder kan være av ulike typer:
 - Live: Denne knytter deg til databasen, må inneholde databaseinfo (bruker/passord)
 - Ekstrakt: Her er dataene ekstrahert over til Tableau Server og man trenger ikke knytte seg til databasen. Gir normalt bedre ytelse på rapporten.
- Andre elementer som er usynlige for sluttbrukere:
 - Lisenser
 - Grupper
 - Data Connections
 - Schedules
 - Tasks
 - Subscriptions



Projects

Projects	1	FS-mart	# Workbooks: 36
Workbooks	35	Inneholder rapporter knyttet til datavarehusets FS-mart	
Views	76		
Data Sources	18		

Projects per page: Pages: 1 / 1 Prev Next

Filters

PROJECT

Any Project

OWNER

Any Owner

TAG

Any Tag

MODIFIED ON OR AFTER

Any Date

MODIFIED ON OR BEFORE

Any Date

FAVORITES

Show Only Favorites

RECENTLY USED

Show Only Recently Used

Workbooks

Projects 1 | Delete | Permissions | Change Owner | Move | Tag | Tabs | Scheduled Tasks | Download

Workbooks 35 | Sort By: Name | Project | Sheets | Modified | Owner | Size

Views 76 | Data Sources 18

Filters | Search for content

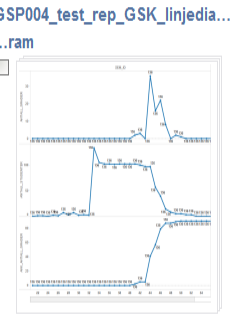
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GSP_REP_direkte_utv

FSDM_GSP6.3

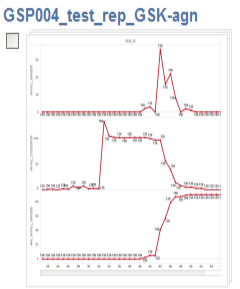
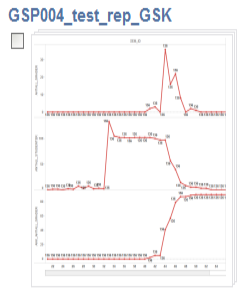
FSDM_VPR4.2Studiepoengprod...ksjon

GSP002_rep_lek



FSDM_VPR1_rep

fsdm-antall-studiepoeng-bestatt-strykk-agnes rapport



FSDM_GSP5.7

GSP002_repv2

FSDM_VPR4.1Studiepoengprod...ksjon

FSDM_VFP1 Karakter og resultatfordeling UH vs VGS_rep

FSDM_GSP7

GSP007

FSDM_VFP1 Karakter og resultatfordeling UH vs VGS_rep_v2

FSDM_GSP7.2

FSDM_VFP1 Karakter og resultatfordeling UH vs VGS

DIM_emne_test_radkontroll

FSDM_GDP_test_dim_grad

Views

Projects 1 Delete Permissions Tag

Workbooks 35 Sort By: Name ↑ Project Sheet# Modified Owner

Views 76

Data Sources 18

Filters

PROJECT

Any Project

OWNER

Any Owner

TAG

Any Tag

MODIFIED ON OR AFTER

Any Date

MODIFIED ON OR BEFORE

Any Date

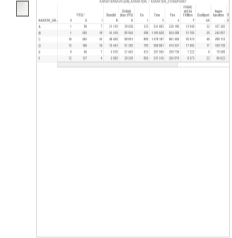
FAVORITES

Show Only Favorites

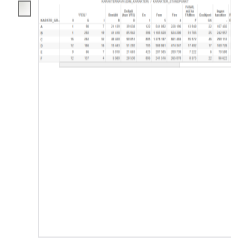
RECENTLY USED

Show Only Recently Used

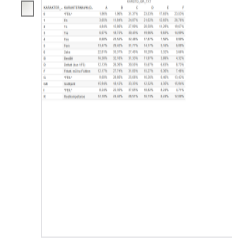
A Karakter VGS vs resultat UH



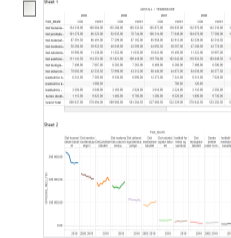
A Karakter VGS vs resultat UH



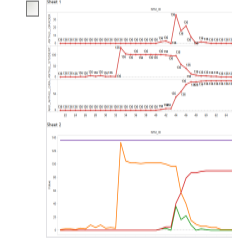
A Karakter VGS vs resultat UH



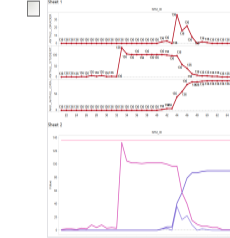
Dashboard 1



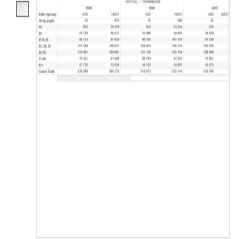
Dashboard 1



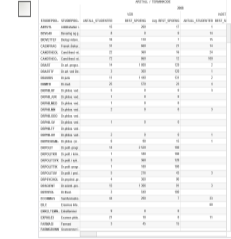
Dashboard 1



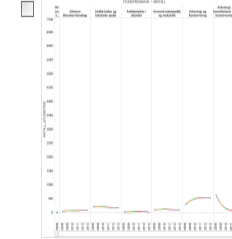
FSDM_GSP_6.3C



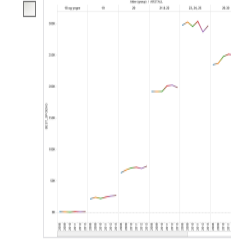
FSDM_GSP6.3A



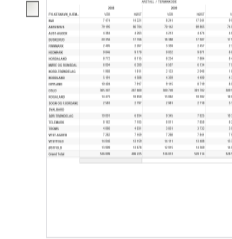
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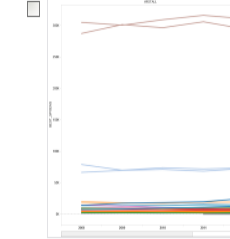
FSDM_GSP6.3D



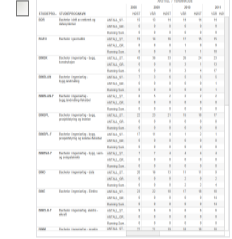
FSDM_GSP6.3E



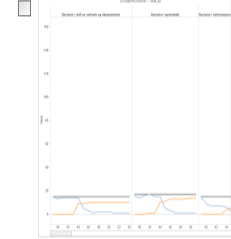
FSDM_GSP6.3F



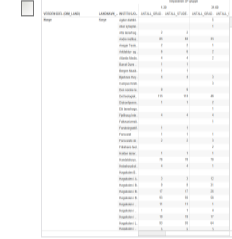
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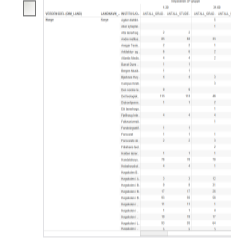
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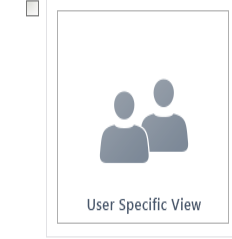
FSDM_GSP7_A



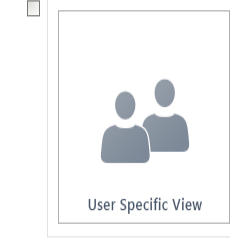
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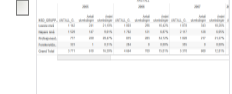
FSDM_GSP7_B



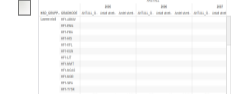
FSDM_GSP7_B



FSDM_GSP8A



FSDM_GSP8A



Data Sources

Projects 1 [New Workbook](#) [Edit](#) [Delete](#) [Permissions](#) [Change Owner](#) [Tag](#) [Scheduled Tasks](#) [Download](#)

Workbooks	35	<input type="checkbox"/>	Name	Type	Owner	Modified	Project	Alerts
Views	76	<input type="checkbox"/>	FAK_GJENNOMSTR_STUDPROG+ (FSDM)	Oracle	Ragnar Pettersen	08:35 15. sep. 2014	FS-mart	
Data Sources	18	<input type="checkbox"/>	FAK_VURDKOMBPROTOKOLL+ (FSDM)_207	Oracle	Ragnar Pettersen	13:52 21. sep. 2014	FS-mart	
		<input type="checkbox"/>	FAK_VURDKOMBPROTOKOLL+ (FSDM)_rep	Oracle	Ragnar Pettersen	08:51 16. sep. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_DIM_EMNE	Oracle	Stein Aske	18:01 18. okt. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_EIP_Emne_i_gradprotokoll	Oracle	Stein Aske	18:22 18. okt. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_GEM_Gjennomstrømming_emne	Oracle	Stein Aske	19:55 18. okt. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_GSP_Gjennomstrømming Studieprogram_rep_207	Oracle	Ragnar Pettersen	09:44 24. sep. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_GSP_Gjennomstrømming_studieprogram	Oracle	Stein Aske	18:54 18. okt. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_GST_Gjennomstrømming_student	Oracle	Stein Aske	18:18 18. okt. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_SAL_Soknadsalternativ	Oracle	Stein Aske	18:15 18. okt. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_SKJ_Skjemabesvarelse	Oracle	Stein Aske	18:02 18. okt. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_SOK_Soknad	Oracle	Stein Aske	18:20 18. okt. 2014	FS-mart	
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		<input type="checkbox"/>	FSDM_VIF_Vitnemaal_fag	Oracle	Stein Aske	19:37 18. okt. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_VIP_Vitnemaal_person	Oracle	Stein Aske	18:17 18. okt. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_VKK_Vurdkombklage	Oracle	Stein Aske	18:24 18. okt. 2014	FS-mart	
		<input type="checkbox"/>	FSDM_VPR_Vurderingsprotokoll	Oracle	Stein Aske	19:04 18. okt. 2014	FS-mart	

Filters

- PROJECT
Any Project
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Any Owner
- TAG
Any Tag
- MODIFIED ON OR AFTER
Any Date
- MODIFIED ON OR BEFORE
Any Date
- FAVORITES
Show Only Favorites
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Show Only Recently Used

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