



Join Power Platform User Group Norway

Power BI Workshop

DynUG-konferansen 2021

9. november - 10. november

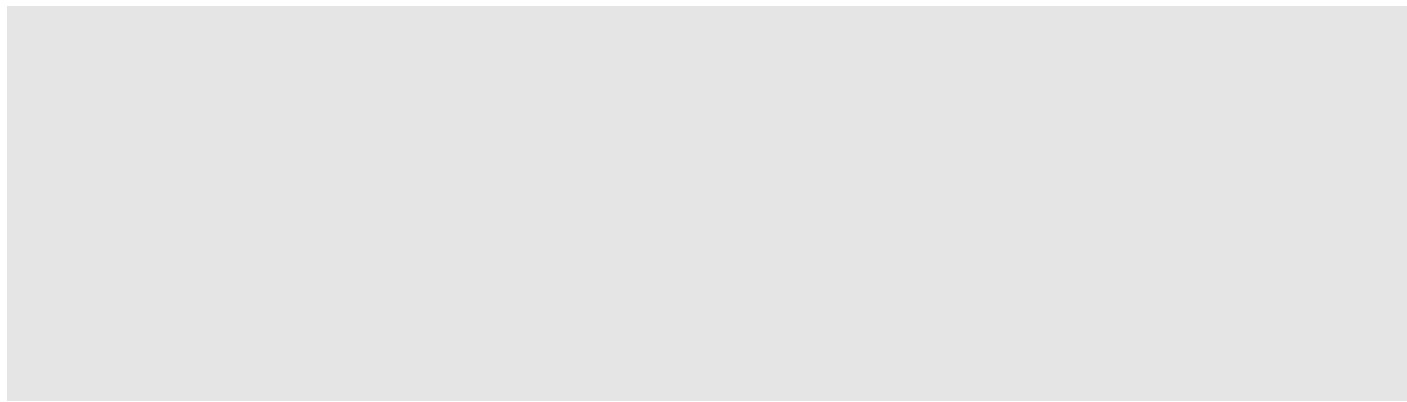
Hans.kristiansen@capgemini.com og paul.osuldsen@soprasteria.com

Agenda

Tid	Emne	Speaker
10.00 – 10.30	Drive a data culture with Power BI: vision, strategy and roadmap (vises på skjerm).	Patrick Le Blanc
10.30 – 11.00	De siste og viktigste nyhetene i Power BI etter Microsoft Ignite	Paul Osuldsen, Hans Kristiansen
11.00 – 11.15	Pause	
11.15 – 11.45	Hvordan spiller Dynamics 365, Dataverse, Synapse og Power BI sammen?	Trond Brande
11.45 – 12.45	Lunch	
12.45 – 13.45	Kundeerfaringer med utfordringer og diskusjoner:	
12.45 – 13.05	- Color Line	Tor Einar Pedersen
13.05 – 13.25	- Agder Energi	Kristian Arnesen
13.25 – 13.45	- Randaberg Kommune	Lars Helge Vedøy

De siste og viktigste nyhetene i Power BI etter Microsoft Ignite

Top 10



Streaming dataflows

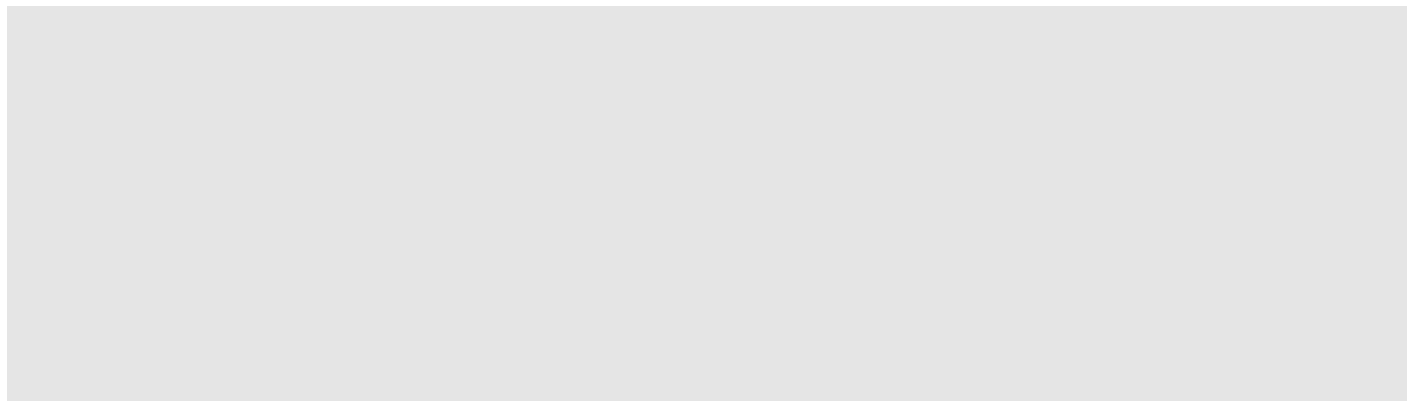
The screenshot displays the Power BI Streaming Dataflows interface. At the top, the title bar shows "Power BI Streaming dataflows" and "TollSensors | Data updated 6/30/2021". The main workspace contains a dataflow diagram with the following components:

- Event Hub (entrystream)** and **Event Hub (exitstream)** as input sources.
- Manage fields** transformation: Make → Car Make, Model → Car Model, VehicleType → Vehicle Type.
- Join** transformation: Inner join, LicensePlate = LicensePlate.
- Filter** transformation: Car Make equals Ford.
- Group by** transformation: Tumbling window, Count aggregation.
- Output table** transformations: AllEntryData, CarsEvery10Seconds, CarsFordMake, and EntryExitTable.

Below the diagram is the **Data Preview** section, which shows a table of data. The table is titled "Manage fields Refreshed: 6/30/2021, 3:45:59 PM".

Car Make	Car Model	Vehicle Type	Vehicle Weight	EntryTime	State	TollAmount	Tag
Toyota	Camry	1	0	2021-06-30T22:45:41.4408781Z	TX	6	980253955
Toyota	Camry	1	0	2021-06-30T22:45:41.2718781Z	CA	4	777000772
Honda	Civic	1	0	2021-06-30T22:45:41.2028781Z	NJ	5	105527301
Toyota	4x4	1	0	2021-06-30T22:45:40.6914803Z	WA	6	226327644
Peterbilt	389	2	2,675	2021-06-30T22:45:40.6864803Z	NJ	28	455835148

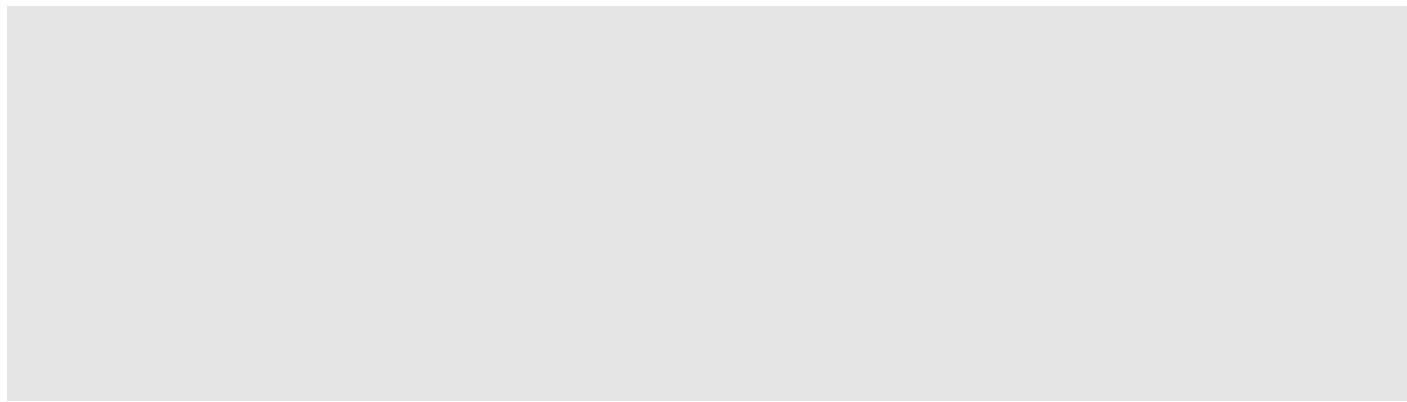
Topp 9



Deployment Pipelines

The screenshot shows the Power BI Deployment Pipelines interface. At the top, there is a header bar with the text "Power BI Deployment pipelines" and a search box on the right. Below the header, a vertical sidebar on the left contains various navigation icons. The main content area is titled "Deployment pipelines" and includes the subtitle "Manage your workspace content through deployment stages". Below this, there are four cards: the first card has a "Create a pipeline" button; the second card is labeled "CG Pipeline"; the third card is labeled "Test 1"; and the fourth card is labeled "SSB". Each card features a rocket icon and a vertical ellipsis menu icon in the top right corner.

Topp 8



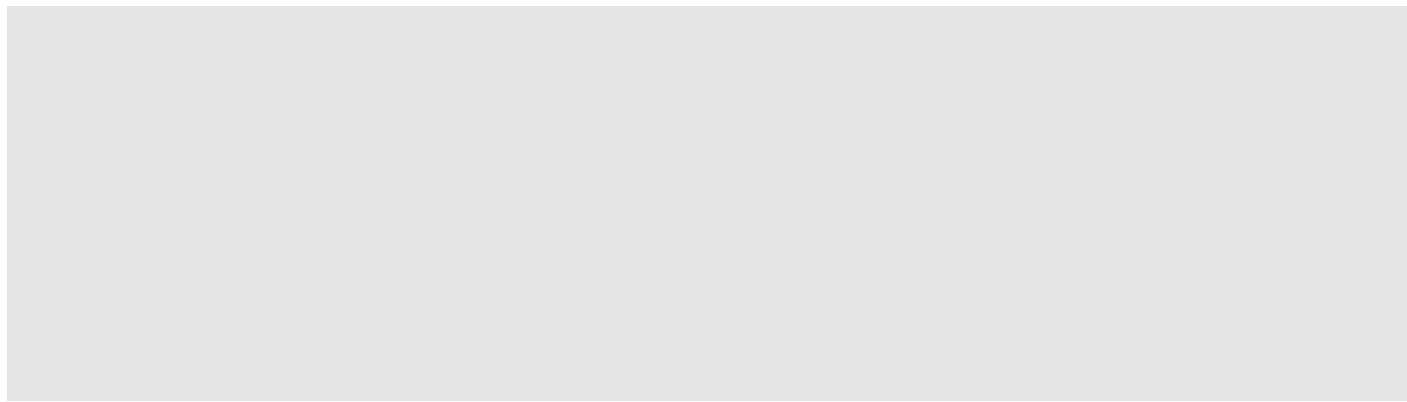
Dataset Hub

The screenshot shows the Microsoft Power BI Dataset Hub interface for a dataset named 'Corona'. The interface includes a top navigation bar with 'Power BI Datasets', 'Corona Certified', and 'Owner: Partner1023'. Below the navigation bar, there are several sections:

- Dataset details:** Shows the workspace 'Corona', an endorsement 'Certified by Partner1023', a refresh status 'Refreshed 11/1/21, 1:00:39 PM', and a description: 'Corona data from Norwegian Health Department API. https://www.helsedirektoratet.no/statistikk/antall-innlagte-pasienter-pa-sykehus-med-pavist-covid-19'.
- Create a report:** A section with a yellow icon and a 'Create from scratch' button. Text: 'Use this dataset to build your report and visualizations. Then, interact with the visuals and filters to discover important business insights. [Learn more](#)'.
- Analyze in Excel:** A section with a yellow icon and an 'Analyze' button. Text: 'Bring this dataset into Excel, and then interact with the data using PivotTables, charts, slicers, and other Excel features, to get valuable insights and perspectives. [Learn more](#)'.
- Explore related reports:** A section with a yellow icon and a table of related reports.

Name	Endorsement	Workspace	Unique viewers	Views
Corona	Certified	Corona	1	4

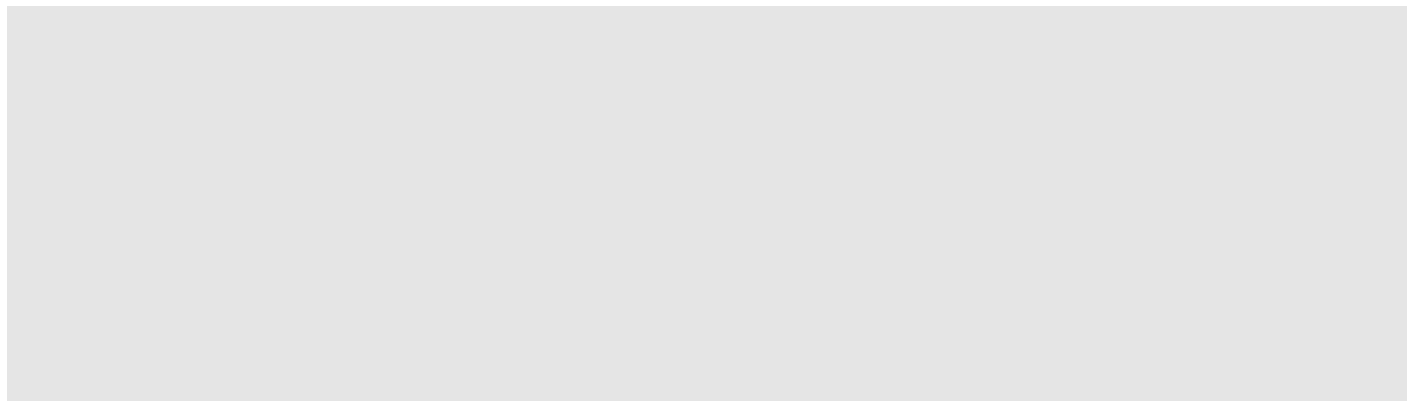
Topp 7



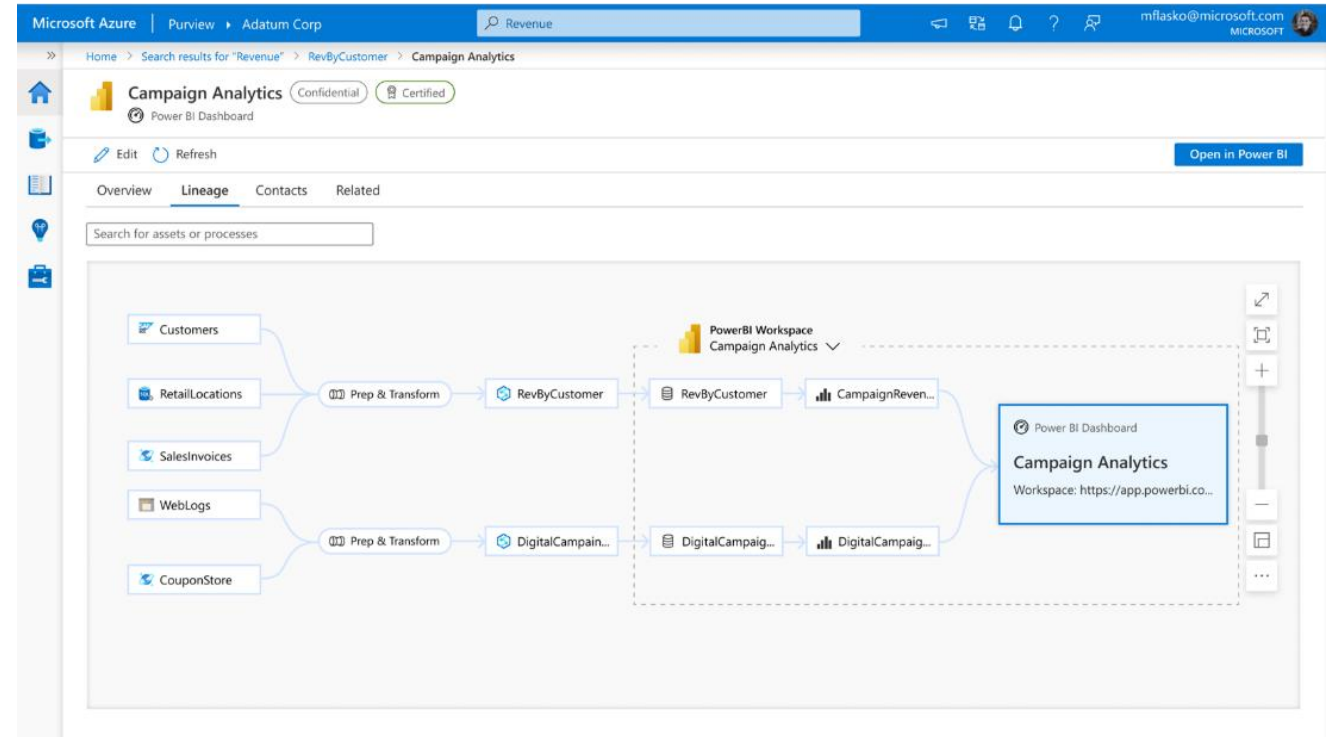
Insights



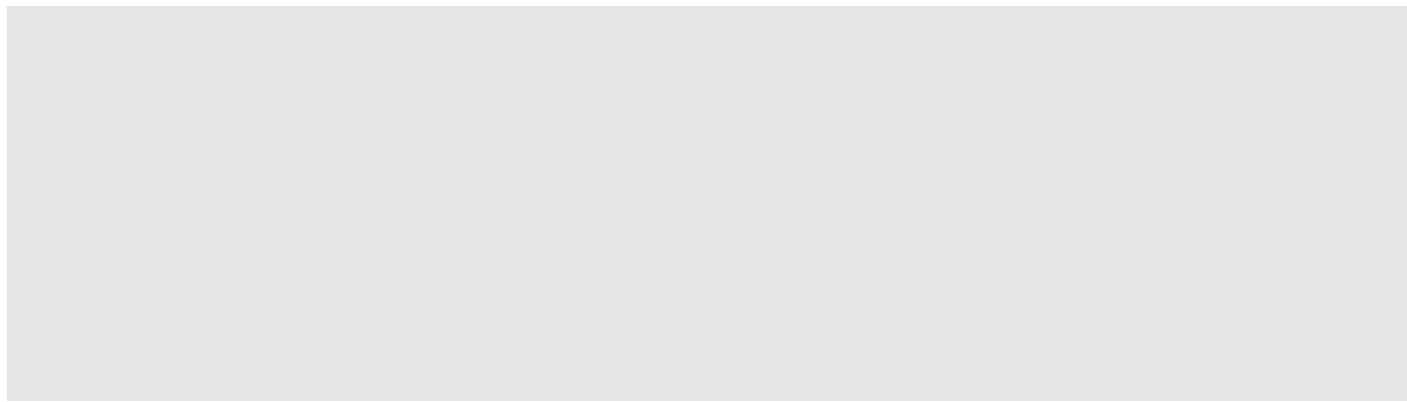
Topp 6



Govern your data with Power BI + Azure Purview integration



Top 5



DirectQuery for PBI datasets

Options

GLOBAL

- Data Load
- Power Query Editor
- DirectQuery
- R scripting
- Python scripting
- Security
- Privacy
- Regional Settings
- Updates
- Usage Data
- Diagnostics
- Preview features
- Auto recovery
- Report settings

CURRENT FILE

- Data Load
- Regional Settings
- Privacy
- Auto recovery

Preview features

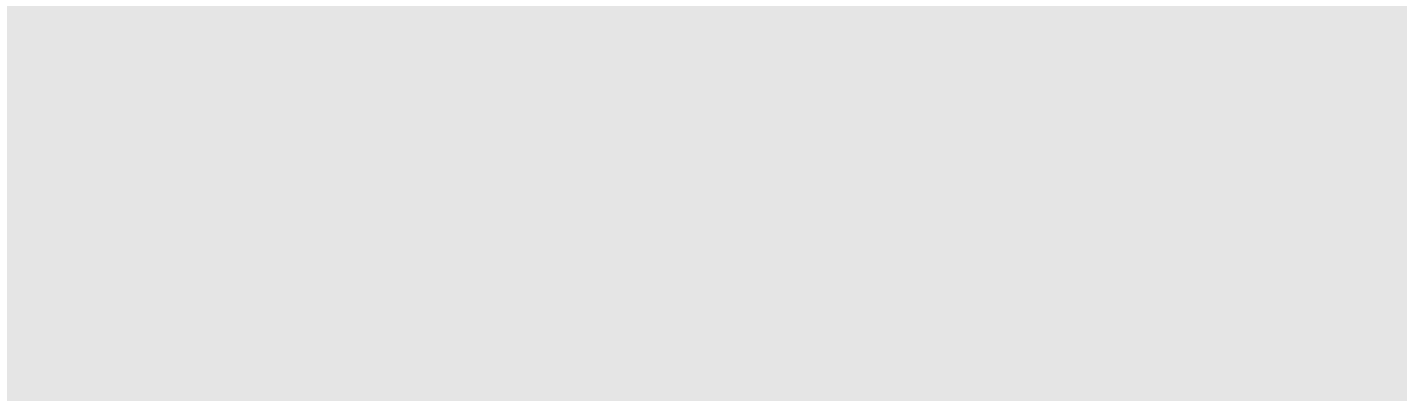
The following features are available for you to try in this release. Preview features might change or be removed in future releases.

- Shape map visual [Learn more](#)
- Spanish language support for Q&A [Learn more](#)
- Q&A for live connected Analysis Services databases [Learn more](#)
- Azure map visual [Learn more](#)
- Data point rectangle select [Learn more](#)
- DirectQuery for PBI datasets and AS [Learn more](#) | [Share feedback](#)
- Dynamic M Query Parameters [Learn more](#)
- Modern visual tooltips [Learn more](#) | [Share feedback](#)
- Paginated report visual [Learn more](#) | [Share feedback](#)

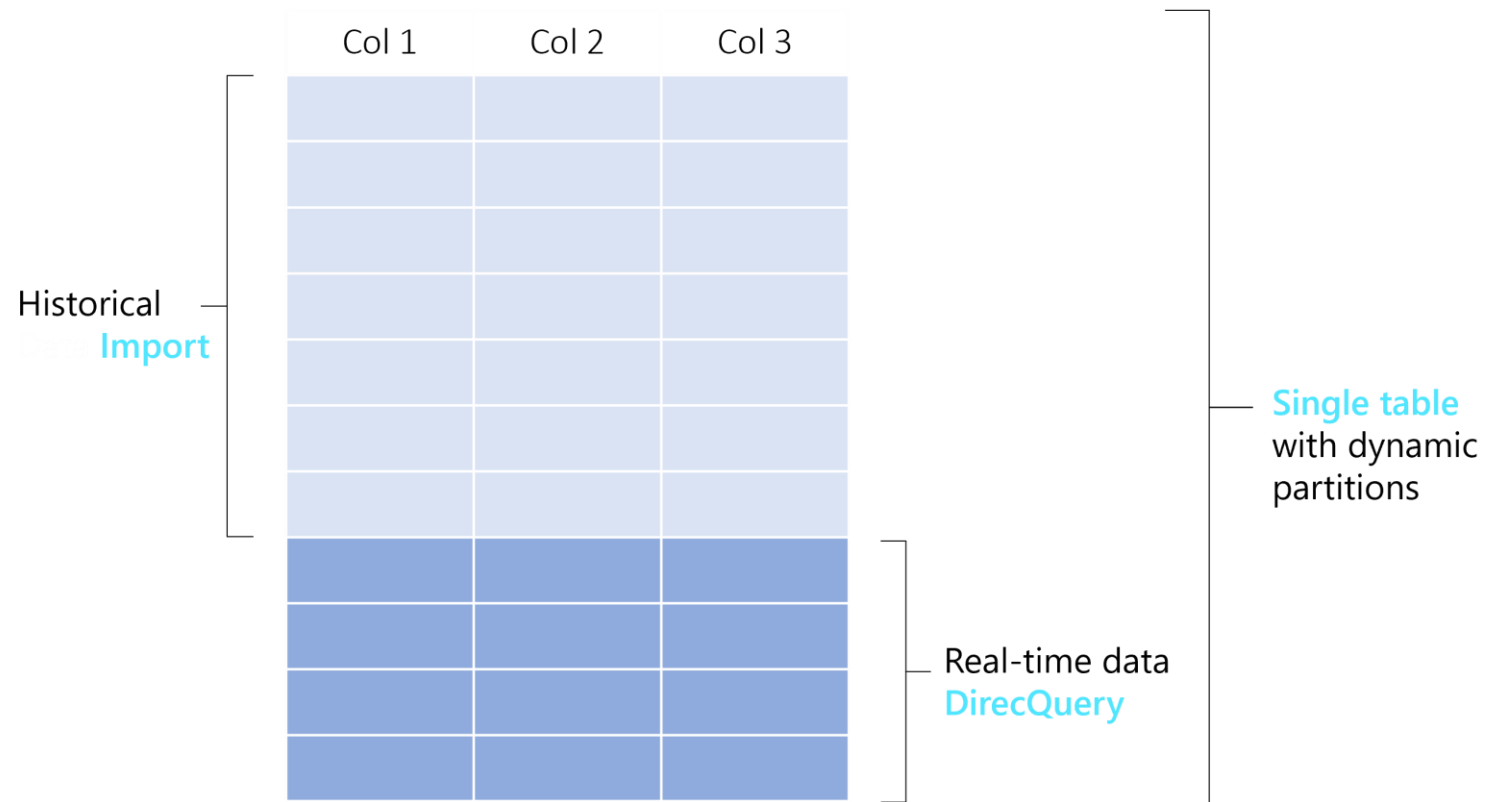
OK

Cancel

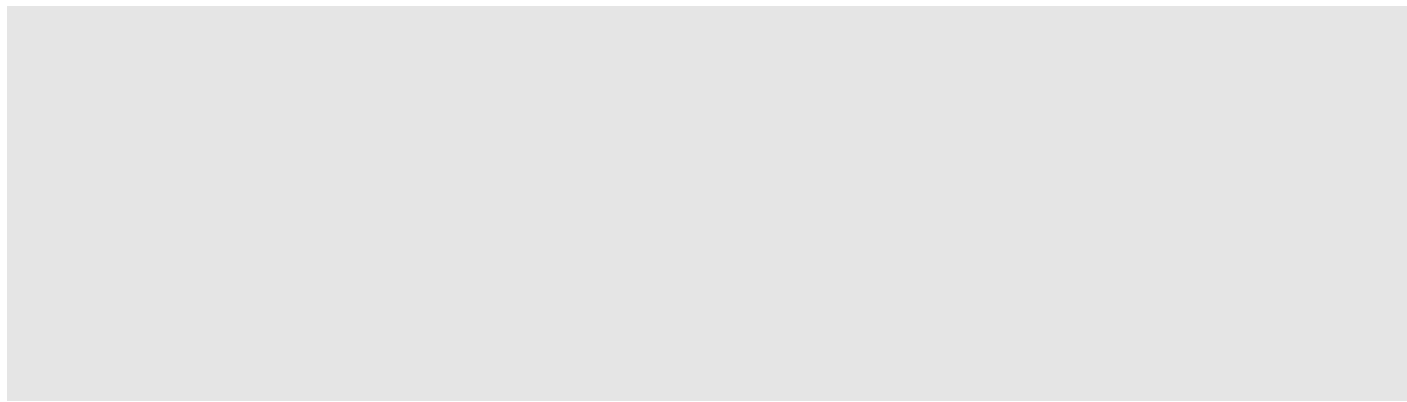
Topp 4



Blazing fast performance with Hybrid tables



Top 3



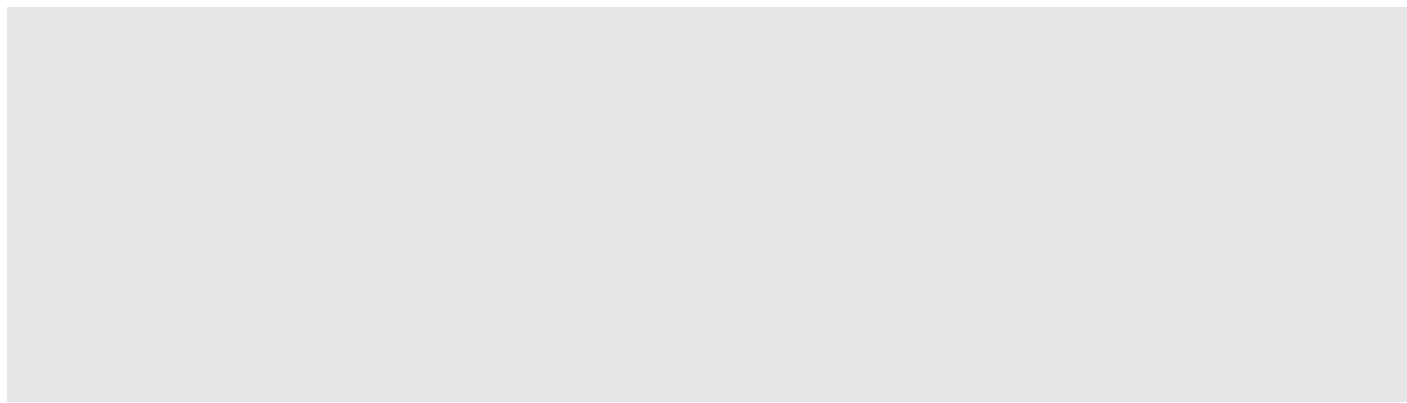
Power BI Premium Gen 2

The screenshot displays the Power BI Admin portal interface. At the top, the breadcrumb navigation reads "Power BI > Admin portal". A left-hand navigation menu includes options such as "Tenant settings", "Usage metrics", "Users", "Premium Per User (preview)", "Audit logs", "Capacity settings" (which is currently selected), "Refresh summary", "Embed Codes", "Organizational visuals", "Azure connections (preview)", "Workspaces", "Custom branding", "Protection metrics", and "Featured content".

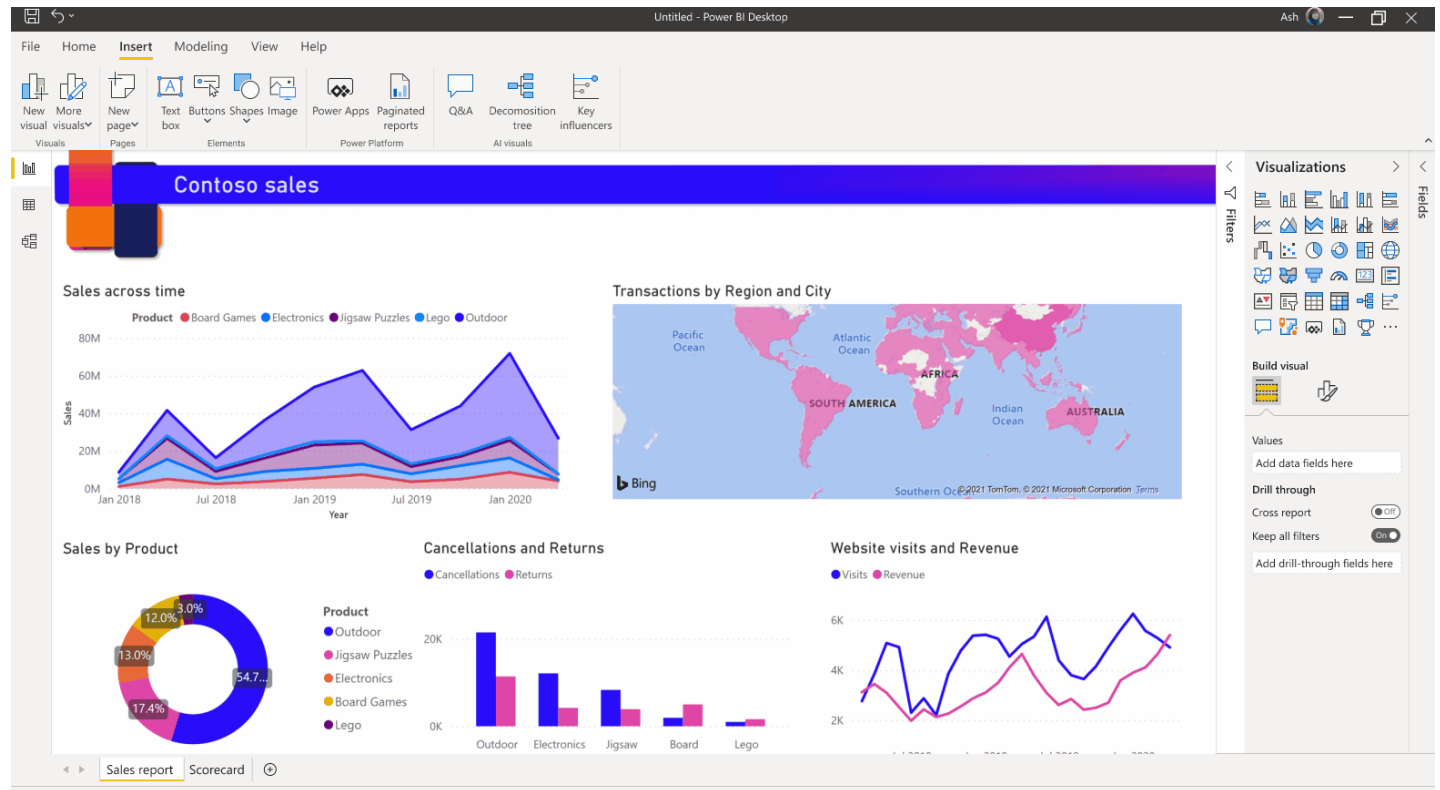
The main content area is titled "Admin portal" and "Power BI Premium > AutoScale test". It features a "Premium Generation 2" section with a toggle switch set to "Enabled". Below this, there are two summary cards:

- Size | P1**: Shows a large number "8" representing "Base v-cores". Below the card, it states: "The Premium SKU size you purchased is a P1, which gives you access to 8 v-cores." A yellow button labeled "Change size" is positioned at the bottom.
- Auto scale | On**: Shows a large number "0" representing "Additional v-cores in use" with a "Max = 2" limit. Below the card, it states: "Auto-scale gives the flexibility to use as much capacity as you need, when you need it. [Learn more](#)". A yellow button labeled "Manage auto-scale" is positioned at the bottom.

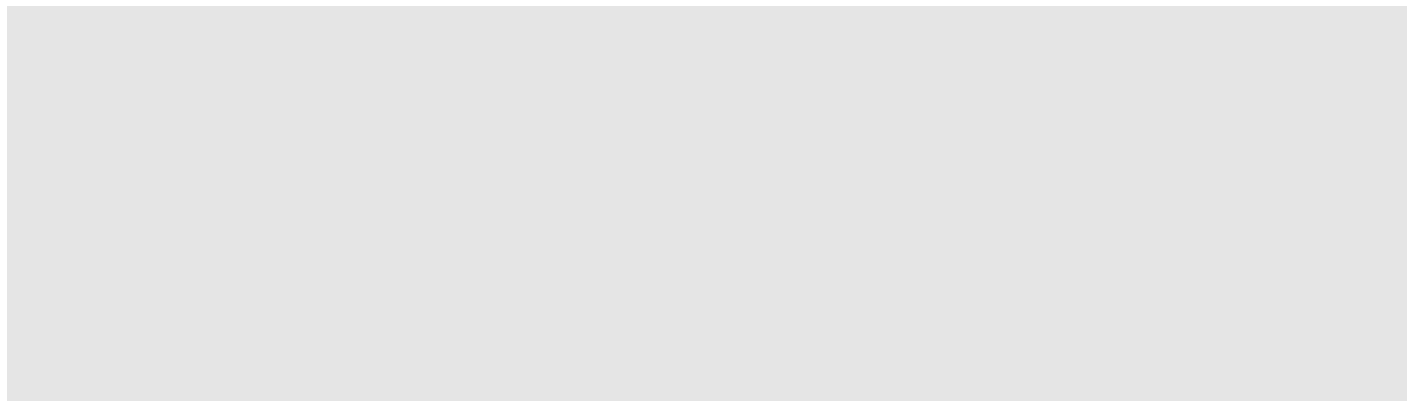
Topp 2



Power BI Goals



Topp 1



Power BI app for teams

The screenshot displays the Power BI app interface for teams. The top navigation bar includes "Power BI", "Home", "Datasets", "Create", "Learn", and "About". A search bar is located at the top right. The left sidebar contains navigation options: Home, Favorites, Recent, Goals, Apps, Shared with me, Workspaces, and My workspace. The main content area features a greeting "Good morning, Renee" and a "New report" button. Below this is a "Recommended" section with six report thumbnails: "Supply Chain Analysis", "Teams activity analytics", "Customer Preference Market Research", "Supplier quality analysis", "Supplier quality analysis", and "Sample Scorecard".

Below the recommended reports is a "My recent" section with tabs for "Favorites", "In Teams", and "Shared with me". A table lists recent activity:

Name	Type	From	Opened	Refreshed	Next refresh	Endorsement	Sensitivity
Teams analytics	Report	Product team / Design channel	—	11/23/18, 1:00 PM	11/23/18, 1:00 PM	Certified	Confidential/Microsoft...
Product MAU, DAU, and NPS	Excel datasheet	Product team / Design channel	11/23/18, 1:00 PM	11/23/18, 1:00 PM	Today, 2:00 PM	Promoted	Non-business
Customer feedback	★ Product team / PM c	Today, 10:27 AM	Today, 10:27 AM	Today, 10:27 AM	11/12/18, 9:00 PM	—	—
Top features	Weekly product sync /	Yesterday, 1:00 PM	Yesterday, 1:00 PM	Yesterday, 1:00 PM	9/18/18, 3:50 PM	—	—
Telemetry	Product team / PM c	10/11/19, 2:20 PM	10/11/19, 2:20 PM	10/11/19, 2:20 PM	11/12/18, 9:00 PM	Certified	Confidential/Microsoft...
Feature usage	Ina Powers	4/2/19, 7:04 PM	4/2/19, 7:04 PM	4/2/19, 7:04 PM	—	—	Public
Profitability dataset	Noelle Bowers	—	—	—	—	—	—

Power BI Goals

Paul Osuldsen



Hva er Goals?

Egen Scorecard applikasjon:

Balansert målstyring, oppfølging av virksomhetsstyring

Mål fra alle typer løsninger kan samles på et sted.

Trenger ikke å kjenne til hvordan man lager en Power BI modell

Trenger ikke å laste ned programvare

Raskt å komme i gang.

Du kan legge inn verdier og måltall (Writeback)

Kan koble til Power BI rapporter du allerede har

Trenger Premium kapasitet eller Premium pr. user

Hva er Goals

Kommer med eksempler: Bare å laste ned

Sales Sample
Sample Scorecard to track sales Goals

15 Goals | 7 On track | 1 At risk | 3 Behind | 0 Not started | 1 Overdue | 3 Completed

Name	Owner	Status	Value	Progress	Due date	Notes
▼ Achieve a monthly revenue of \$500,000	OSULDSEN Paul	On track	478.55K / 500.00K + 4% MoM		31 Dec 2022	
Launch all promised products this year	OSULDSEN Paul	On track			31 Dec 2022	
Reduce the number of sales cycle days to 20	OSULDSEN Paul	Completed	19 / 20 + 14% MoM		31 Dec 2022	
Upsell new premium features to 20% of existing customers	OSULDSEN Paul	On track	17 / 20 + 0% WoW		31 Dec 2022	
▼ Improve the overall sales funnel	OSULDSEN Paul	At risk			31 Dec 2022	
Continue to have over 20000 active prospects in the funnel	OSULDSEN Paul	Behind	14K / 20K + 27% DoD		31 Dec 2022	
▼ Streamline the sales lead process	OSULDSEN Paul	On track			31 Dec 2022	
Achieve 3500 sales calls per quarter	OSULDSEN Paul	On track	2.88K / 3.50K		31 Dec 2022	
Follow up inquiries by sales team within 12 hours	OSULDSEN Paul	Behind	17 / 12 + 6% DoD		31 Dec 2022	
Penetrate the Asia market for new leads	OSULDSEN Paul	Overdue			31 Dec 2022	
Reduce overall wait-time for calls	OSULDSEN Paul	Behind	4 / 0 + 20% DoD		31 Dec 2022	

Power BI Goals Demo

Paul Osuldsen

Sopra Steria

Eksempel:

- Home
- Favorites >
- Recent >
- Create
- Datasets
- Goals
- Apps
- Shared with me
- Deployment pipelines
- Learn
- Workspaces >
- JFP-KPI

Demo-KPI

Eksempel for kunde

8 Goals	1 On track	3 At risk	2 Behind	1 Not started	1 Overdue	0 Completed
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+ New goal Add subgoal

Name	Owner	Status	Value	Progress	Due date	Notes
▼ Ebit index	OSULDSSEN Paul	At risk	97/100 ↑ 0% MoM		31 Dec 2021	2
▼ EBIT DA	OSULDSSEN Paul	Behind	80/100 ↑ 0% WoW		31 Dec 2021	
Profit	OSULDSSEN Paul	At risk	13.02M/14.00M		8 Dec 2021	
Nye medlemmer	OSULDSSEN Paul	On track	301/301		7 Dec 2021	
▼ nye medlemmer denne måned	OSULDSSEN Paul	At risk	59K/55K		7 Dec 2021	
▼ medlemmskjøp	OSULDSSEN Paul	Overdue	0.69/70		7 Dec 2021	
medlemsutvikling	OSULDSSEN Paul	Behind	59K/70K		31 Dec 2021	1
Kundetilfredshet	OSULDSSEN Paul	Not started			7 Dec 2021	



Goals Hva kommer?

Hva kommer?

Oppdaterte status regler, Automatiske og AI drevet

Rollups: I dag er mål og underliggende mål frakoblet. Disse kan i neste versjon summeres opp (mor barn)

Formatering: Mer formatering

Scorecard visualisering kommer i PowerBI desktop

Power automate update integration: Automatisk endring av mål ved bruk av regler i Power automate.

Cascading of goals: Hierarki av scorecards. Organisasjon, region, annen form for nedbrytning med row level security.

Takk for i dag!