



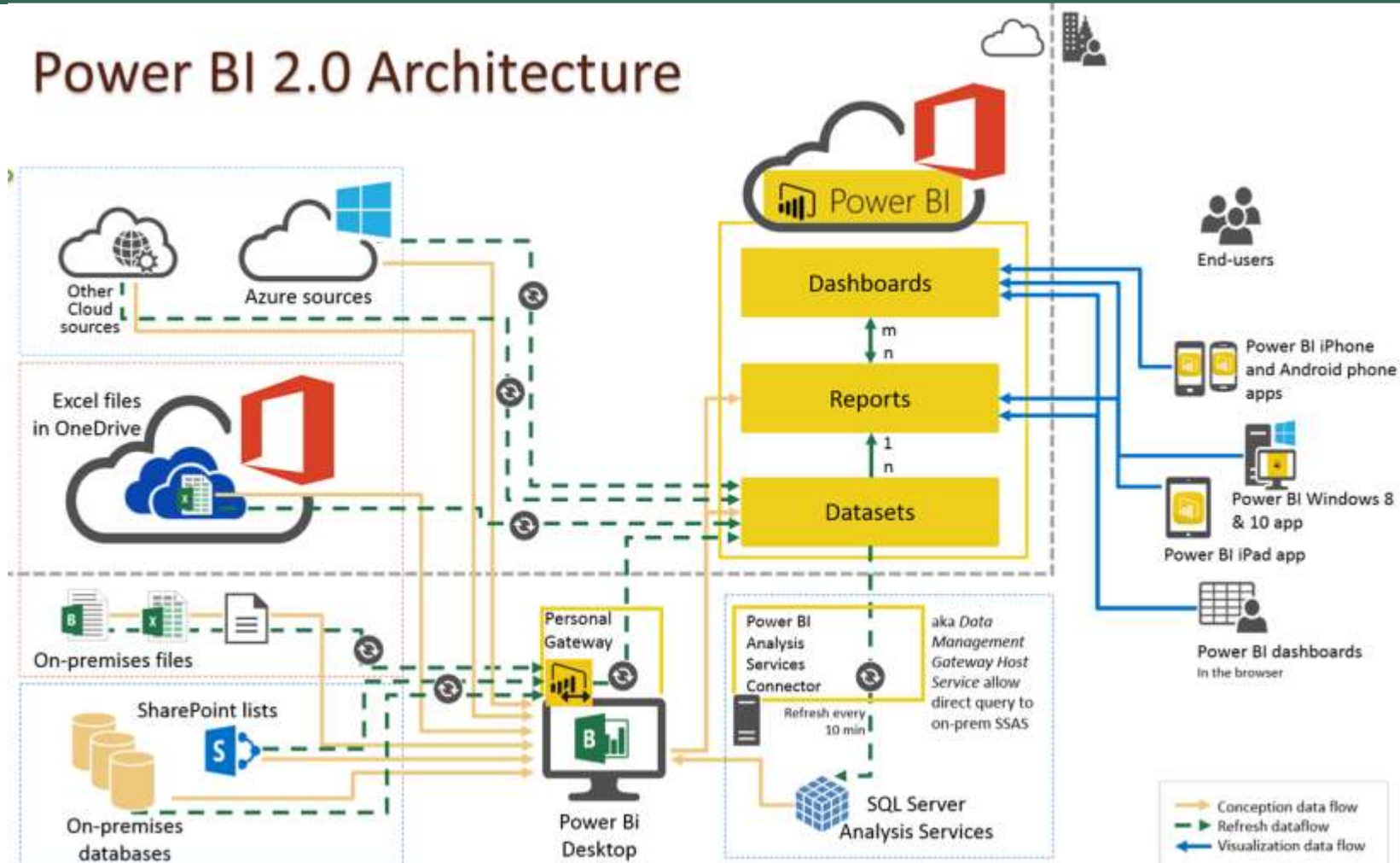
THE LECTURE 14



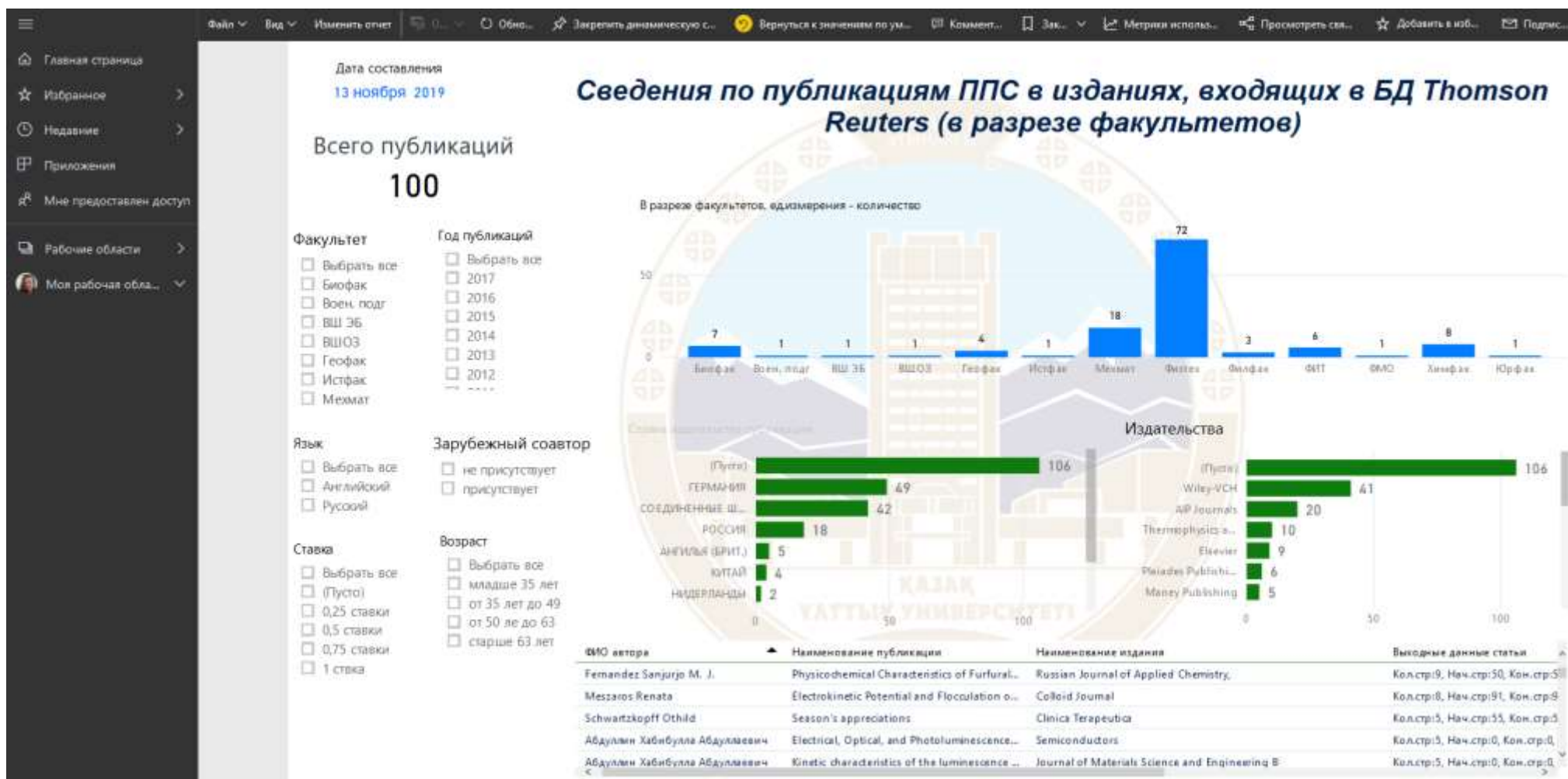
MICROSOFT POWER BI

POWER BI

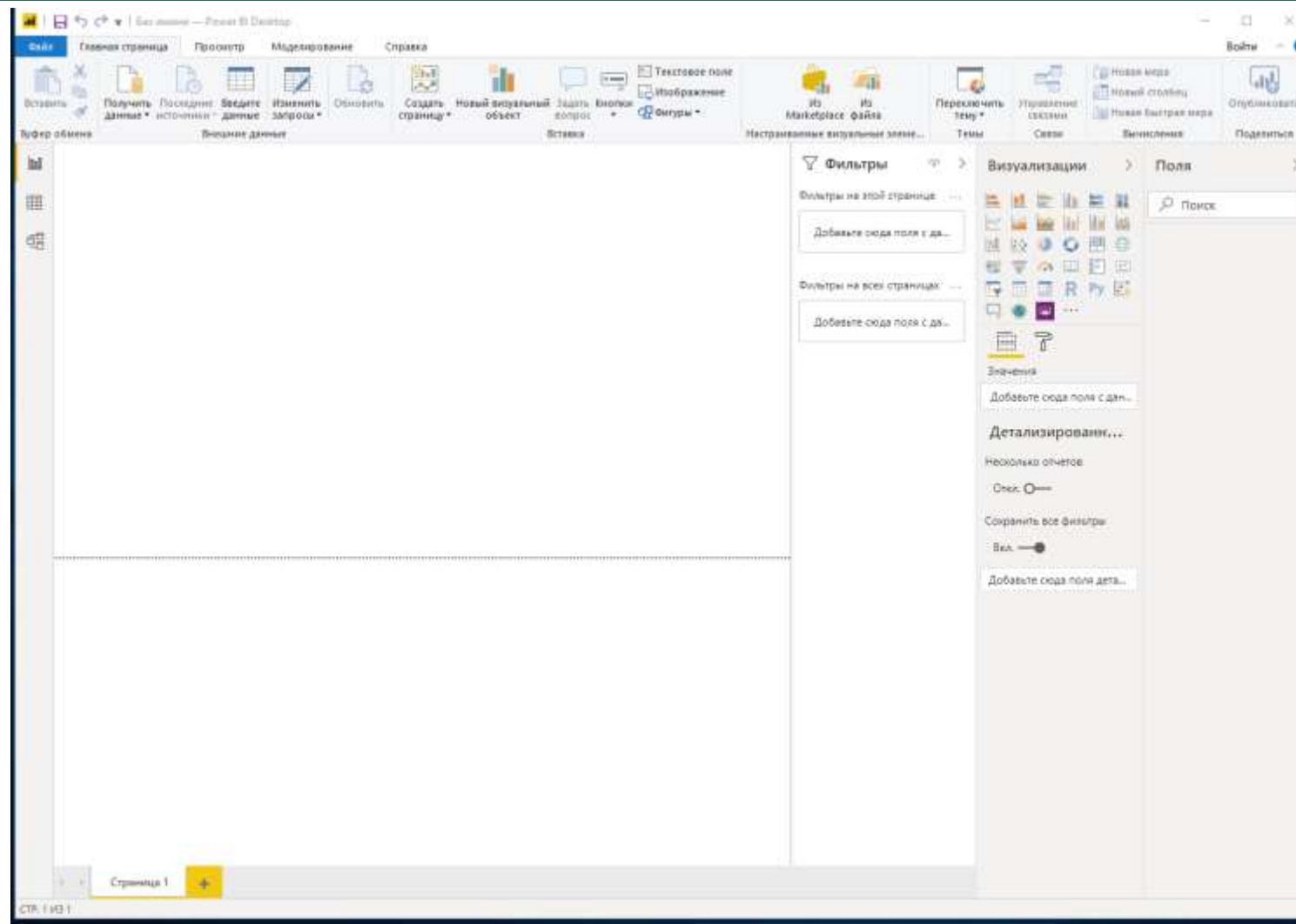
Power BI 2.0 Architecture



POWER BI DASHBOARDS

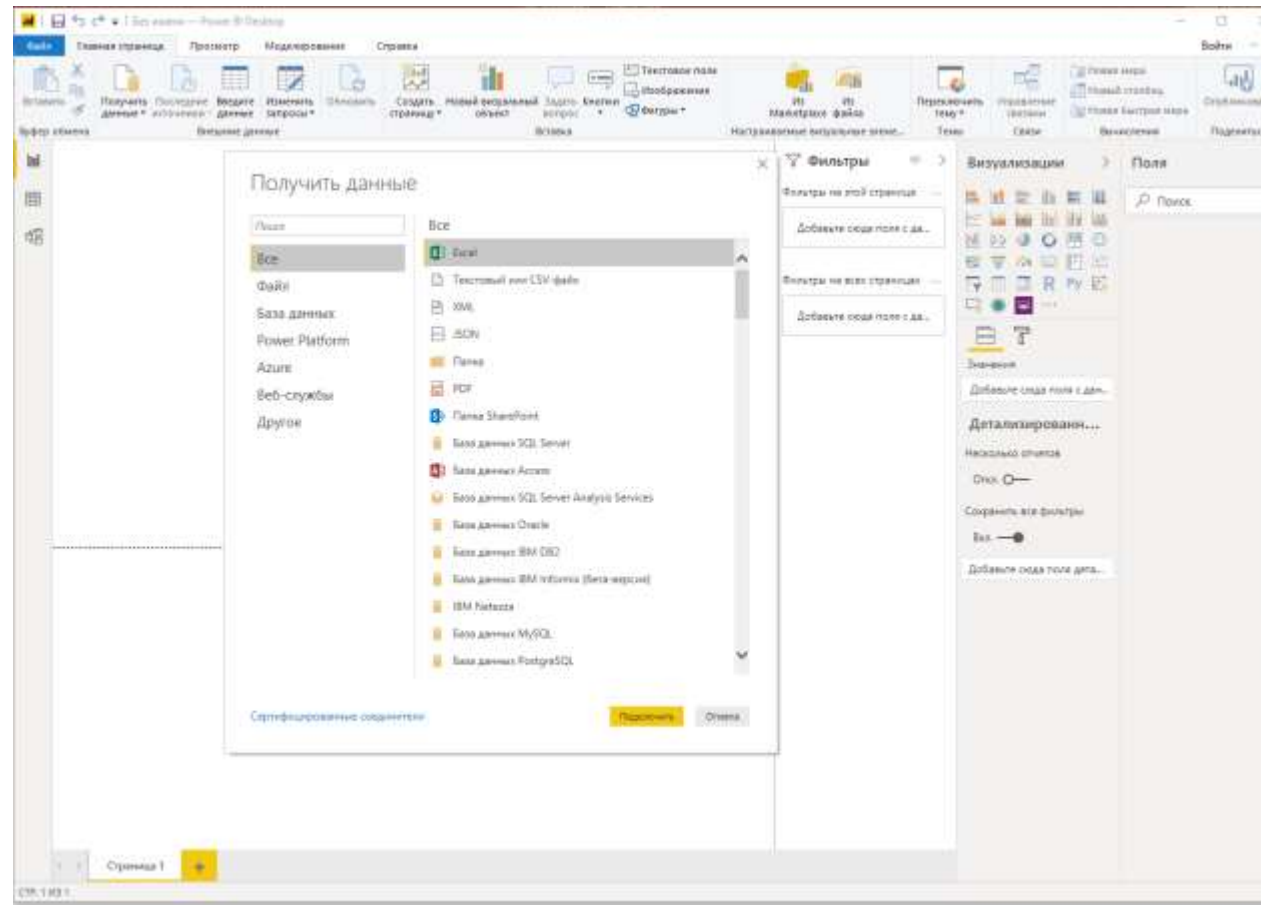


POWER BI FEATURES



POWER BI WORK AREA

- You will come across a dialog box with variety of options with different file types to load. Select the file type of your choice and proceed with “Connect”



POWER BI DATA

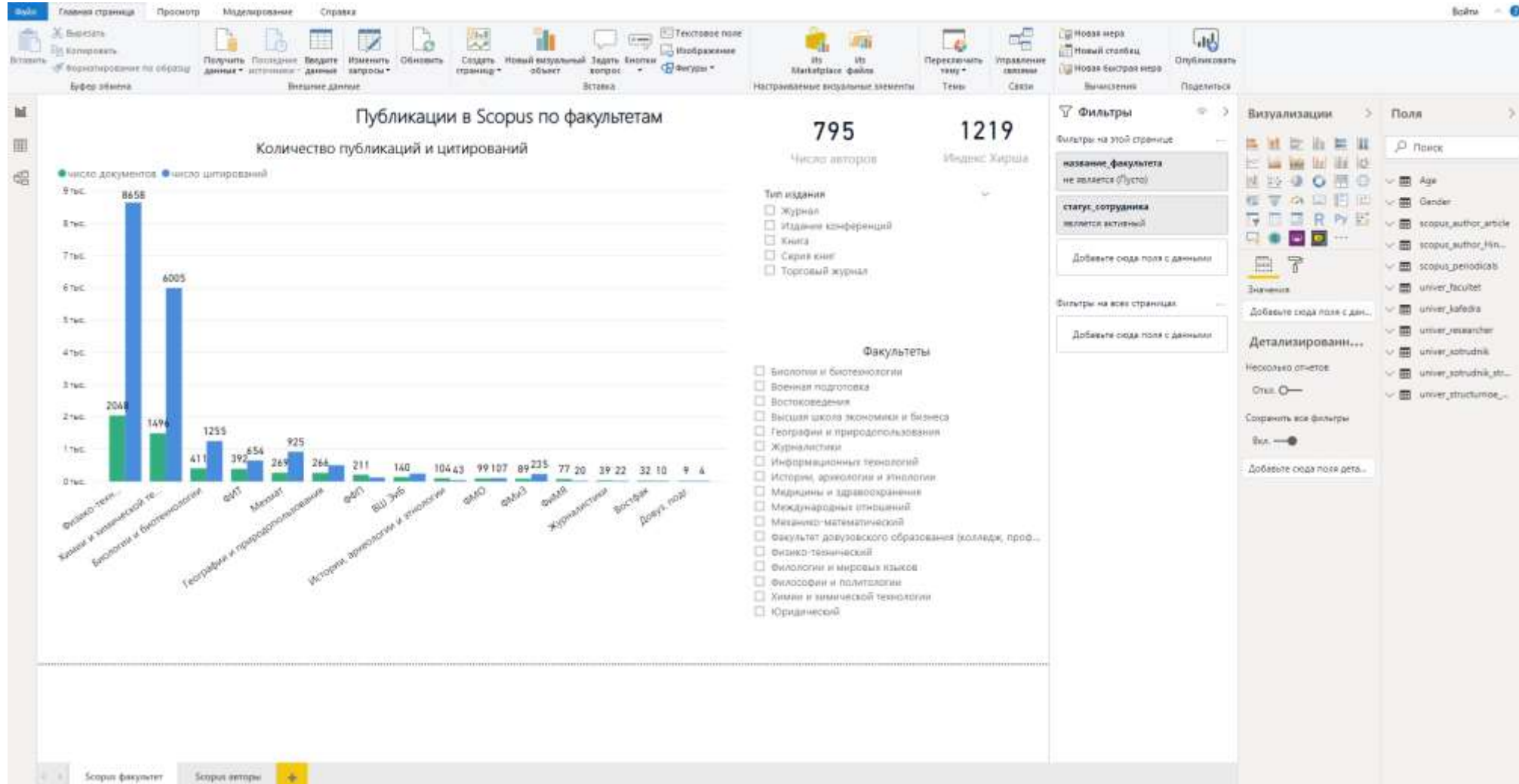
Варианты Вставить Копировать Форматирование по образцу Получить данные из источника Последние данные Легенда данных Изменить запрос Обновить Создать страницу Новый выделенный объект Задать вопрос Экспорт Изображение Настроить панель Тастовое поле Marketplace файлы Пересоздать тему Управление секциями Новая мера Новый столбец Новая быстрая мера Опубликовать

Буфер обмена Выбранные данные

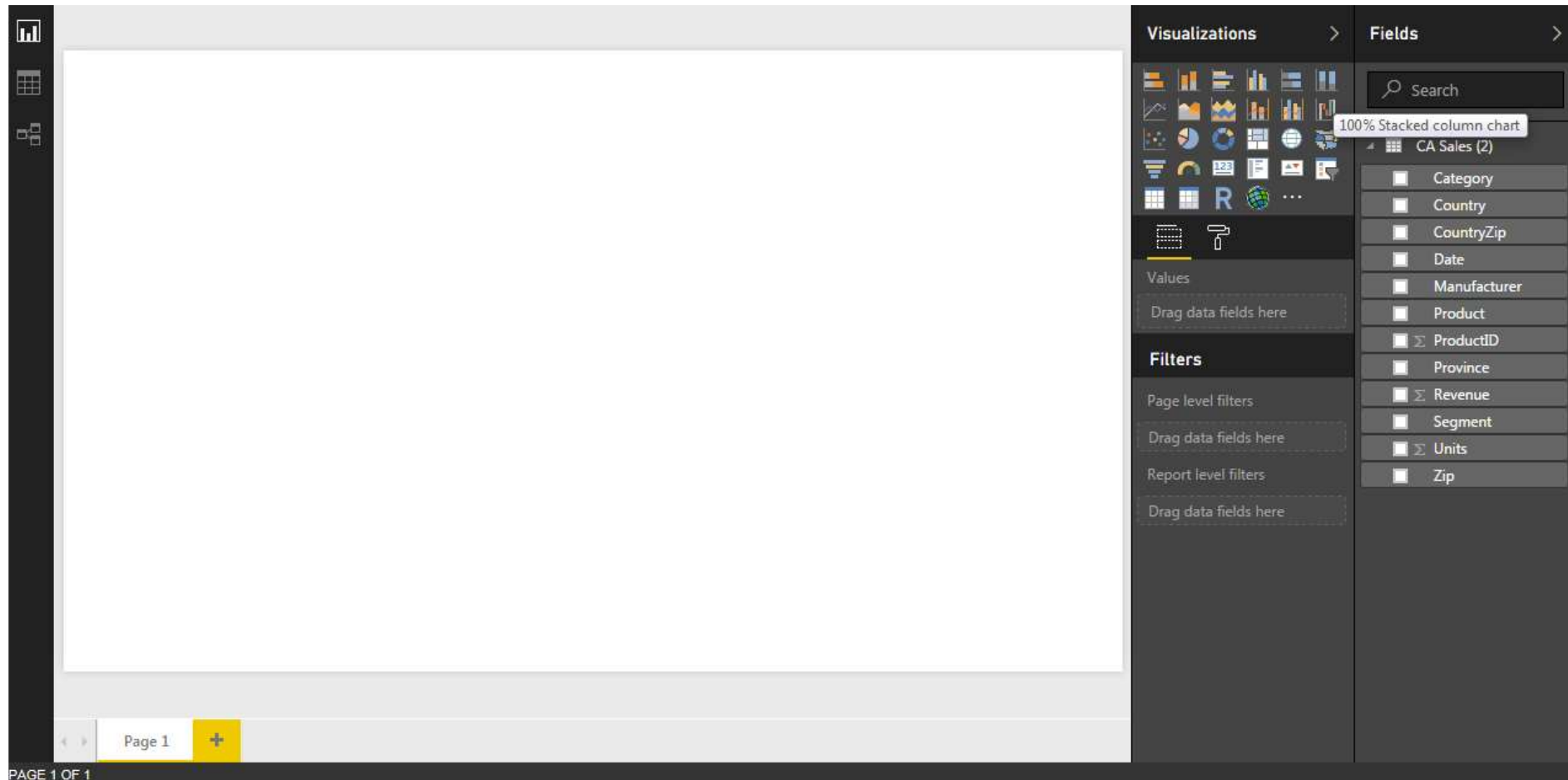
Настраиваемые выделенные элементы Темы Ссылки Вычисления Подписывать

ID Исследователя	Идентификатор	Автор	ID Цитирования	Число цитирований	ID Источника	Тип издания	Название статьи	Периодика	Ссылка
57190444166	85071023779	Azizova S.		0		Журнал	Neopaganism in art and social processes of modern society	Azizova, S.I., Abzhakov, S.U., Sandybayev, Z.S., Kantarbayev, A.A.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57195469493	85071023779	Azizova S.		0		Журнал	Neopaganism in art and social processes of modern society	Azizova, S.I., Abzhakov, S.U., Sandybayev, Z.S., Kantarbayev, A.A.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57225478188	85071023779	Azizova S.		0		Журнал	Neopaganism in art and social processes of modern society	Azizova, S.I., Abzhakov, S.U., Sandybayev, Z.S., Kantarbayev, A.A.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57200083347	85069634123	Kusibekov D.		0		Журнал	Religious identification of modern Kazakhstani women	Kusibekov, D.K., Beisenova, A.R., Kaptebayev, B.I., Mamyrova, O.N.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
56127983700	85067236156	Omarov B.		0		Журнал	Face recognition in video surveillance systems as an application	Omarov, B., Omarov, N., Serbetsova, A., Saaksova, S., Kosh, O.M.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57031838300	85067236156	Omarov B.		0		Журнал	Face recognition in video surveillance systems as an application	Omarov, B., Omarov, N., Serbetsova, A., Saaksova, S., Kosh, O.M.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57202103462	85067236156	Omarov B.		0		Журнал	Face recognition in video surveillance systems as an application	Omarov, B., Omarov, N., Serbetsova, A., Saaksova, S., Kosh, O.M.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57233220355	85064128864	Aimukhambetov T.		0		Журнал	Study of the state religious policy in the republic of Kazakhstan	Aimukhambetov, T.T., Setkaimetova, N.L., Mukhitzenova, R.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57189321028	85064128864	Aimukhambetov T.		0		Журнал	Study of the state religious policy in the republic of Kazakhstan	Aimukhambetov, T.T., Setkaimetova, N.L., Mukhitzenova, R.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57208210190	85064128864	Aimukhambetov T.		0		Журнал	Study of the state religious policy in the republic of Kazakhstan	Aimukhambetov, T.T., Setkaimetova, N.L., Mukhitzenova, R.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57208662534	85065491600	Shormakova A.		0		Журнал	Post-editing of words in Kazakh sentences for information processing	Shormakova, A., Zhurmanov, Z.H., Rakhtimova, D.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
55701348900	85065491600	Shormakova A.		0		Журнал	Post-editing of words in Kazakh sentences for information processing	Shormakova, A., Zhurmanov, Z.H., Rakhtimova, D.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
56530723400	85063559908	Drozd K.		0		Журнал	New trends in education at the aspect of digital technologies	Drozd, K., Medvedeva, A., Emelko, V., Tyurma, N., Murzagaliyeva, G.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57208013081	85063559908	Drozd K.		0		Журнал	New trends in education at the aspect of digital technologies	Drozd, K., Medvedeva, A., Emelko, V., Tyurma, N., Murzagaliyeva, G.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57205630866	85063559908	Natocheeva N.		0		Журнал	Innovative methods of educational analytics in STEM education	Natocheeva, N., Belyanchikova, T., Fomkin, A., Zhumagaliyeva, G.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57207792166	85062689322	Akhmetov K.		0		Журнал	Output tracking by state feedback for nonlinear control systems	Akhmetov, K., Otuzka, N., Kalinoidayeva, M., Tasbolatuly, N.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57195631252	85071283924	Lukhinova G.		0		Журнал	Innovative development of the agricultural sector of the Republic of Kazakhstan	Lukhinova, G., Belsholanova, K., Shiganbayeva, N., Aberkhanova, G.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
56401147400	85073115802	Bimbetova E.		0		Журнал	The impact of international sanctions on national economic security	Bimbetova, E., Tyurma, V., Trovanskaya, M., Emelkova, E.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
57192676955	85071237777	Dros G.		0		Журнал	The december report statement (Description) in Kazakh literature	Dros, G., Khudalbergereva, N., Seredenkova, Z., Almazova, A.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward/record.uri?partner=1&...
6506520127	85071953965	Mukhammedshanova A.		0		Журнал	Activation and determination of molybdenum of xanthine oxidase	Mukhammedshanova, A.S., Akilov, Z., Sharshmetova, G.K.	https://www.scopus.com/inward/record.uri?partner=1&...&url=https://www.scopus.com/inward

POWER BI VISUALIZATION



POWER BI FEATURES



POWER BI FEATURES

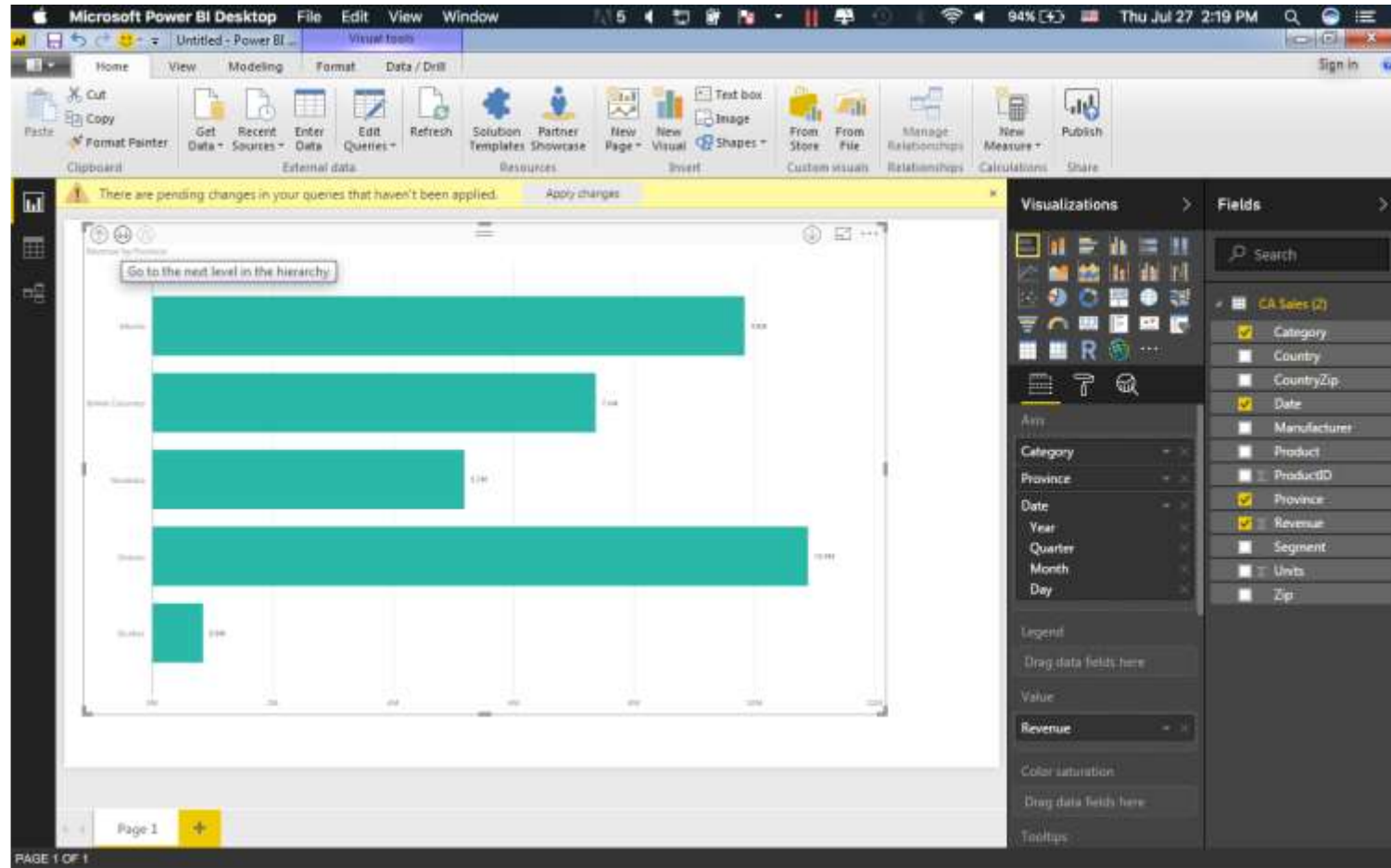
- Drag fields from the “Fields” area onto the existing field area. If you drop them somewhere else on the canvas, they would plot individually as a unit parameter and will not contribute to the group plotting.

The screenshot displays the Microsoft Power BI Desktop application. The main window shows a data table with the following columns: Category, Province, Revenue, Year, Quarter, Month, and Day. The data is filtered to show records for 'Alberta' across various quarters and months from 1999 to 2001. A total revenue of 34,116,215.91 is shown at the bottom of the table.

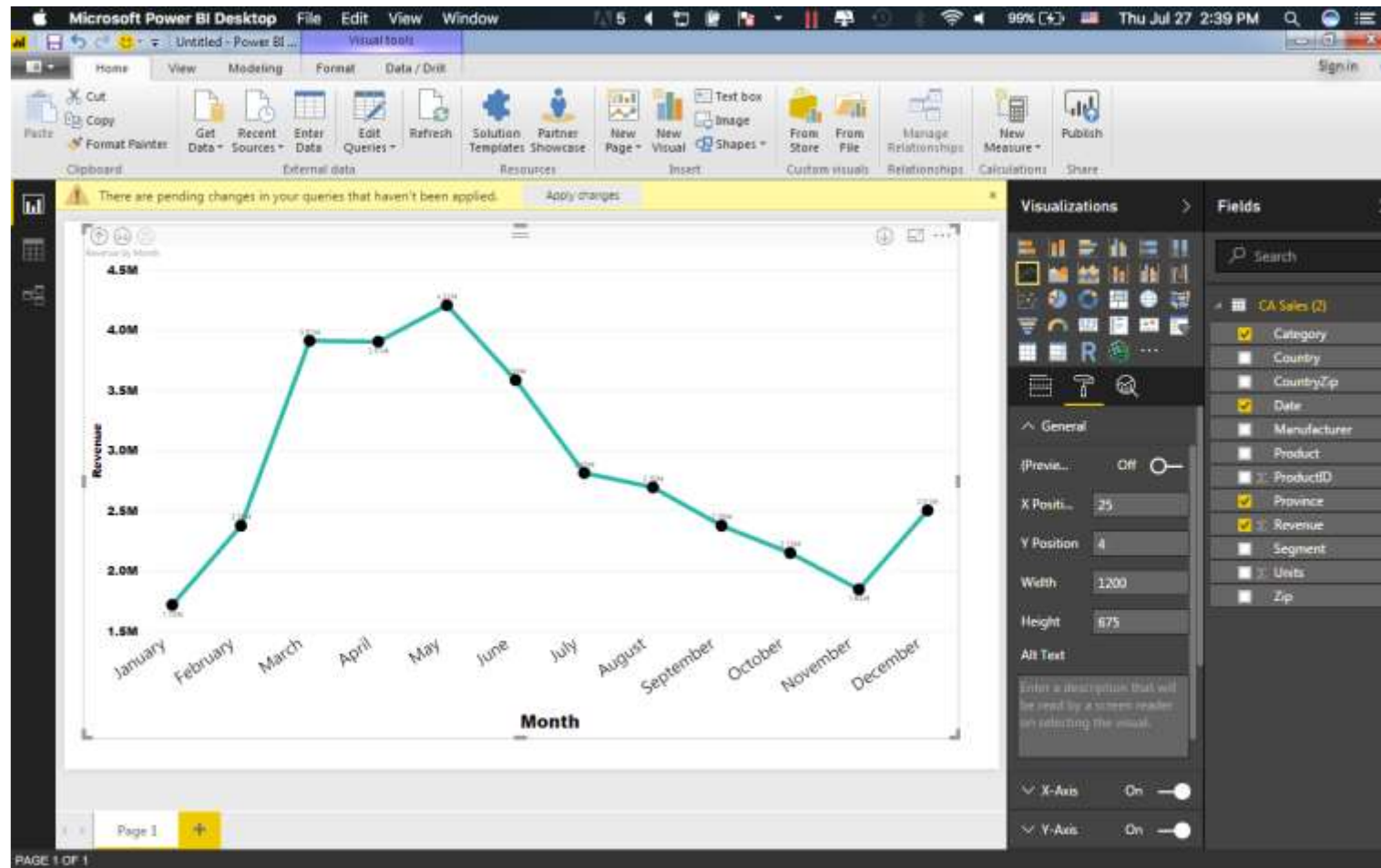
On the right side, the 'Fields' pane is visible, showing a list of fields available for the report. The fields are organized into sections: 'Values' (Category, Province, Revenue, Date, Year, Quarter, Month, Day), 'Filters' (Visual level filters), and 'Relationships' (CA Sales (2)). The 'CA Sales (2)' field is currently selected.

The 'Visualizations' pane on the left shows a list of visualization types, including Bar chart, Line chart, Pie chart, Map, and others. The 'Visual level filters' section is also visible, showing filters for Category (All), Date (Day (All), Month (All), Quarter (All)), and Date (All).

POWER BI FEATURES



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