

# Widoki

---

## Course\_information

Widok przedstawia informacje o stworzonych kursach dostępnych i nie dostępnych. Przedstawia również informacje o ilości modułów i maksymalnej ilości miejsc na kursie (wyznaczana na podstawie limitu w modułach stacjonarnych).

```
create view course_information as
    with count_modules as (select CourseID, count(ModuleID) as count_module
                           from Modules
                           group by CourseID
    ), limit_for_course as (select Courses.CourseID, min(Limit) as min_limit
                           from Courses inner join Modules on Courses.CourseID =
Modules.CourseID
                           inner join In_person_Modules on Modules.ModuleID =
In_person_Modules.ModuleID
                           group by Courses.CourseID)

    select Courses.CourseID,
           Name,
           Description,
           concat(FirstName, ' ', LastName) as Coordinator_full_name,
           StartDate,
           EndDate,
           isnull(count_module, 0) as Total_modules,
           min_limit as Total_places
    from Courses left join Employees on Courses.CoordinatorID =
Employees.EmployeeID
    left join count_modules on Courses.CourseID = count_modules.CourseID
    left join limit_for_course on Courses.CourseID = limit_for_course.CourseID;
```

---

## Employees\_information

Widok przedstawia informacje danych pracowników w systemie.

```
CREATE view employees_information as
    select EmployeeID,
           FirstName,
           LastName,
           Phone,
           Email,
           Address,
           City,
           PostalCode,
           PositionName
```

```
from Employees inner join Employees_Postions on Employees.PositionID =  
Employees_Postions.PositionID
```

---

## Future\_course\_sign

Widok przedstawia informacje o ilości osób zapisanych na przyszłe kursy. Przyszłe kursy oznaczają wydarzenia o dalszej dacie niż aktualna.

```
CREATE view future_course_sign as  
select future_courses.CourseID,  
       Name,  
       StartDate,  
       EndDate,  
       count(UserID) as Total_users  
from future_courses left join Users_Courses on Users_Courses.CourseID =  
future_courses.CourseID  
group by future_courses.CourseID, Name, StartDate, EndDate
```

---

## Future\_courses

Widok przedstawia informacje o przyszłych kursach.

```
create view future_courses as  
select *  
from course_information  
where getdate() < StartDate
```

---

## Future\_studie\_sign

Widok przedstawia informacje o ilości osób zapisanych na przyszłe studia.

```
CREATE view future_studie_sign as  
select future_studies.StudiesID,  
       Name,  
       StartDate,  
       EndDate,  
       count(UserID) as Total_users  
from future_studies left join Users_Studies on Users_Studies.StudiesID =  
future_studies.StudiesID  
group by future_studies.StudiesID, Name, StartDate, EndDate;
```

---

## Future\_studies

Widok przedstawia informacje o przyszłych studiach.

```
create view future_studies as
select *
from studie_information
where getdate() < StartDate
```

---

## Future\_webinar\_sign

Widok przedstawia informacje o ilości zapisanych osób na przyszłe webinary.

```
CREATE view future_webinar_sign as
select future_webinars.WebinarID,
       Name,
       DateAndBeginningTime,
       Duration,
       count(UserID) as Total_users
from future_webinars left join Users_Webinars on Users_Webinars.WebinarID =
future_webinars.WebinarID
group by future_webinars.WebinarID, Name, Duration, DateAndBeginningTime
```

---

## Future\_webinars

Widok przedstawia informacje o przyszłych webinarach.

```
create view future_webinars as
select *
from webinar_information
where getdate() < DateAndBeginningTime
```

---

## In\_person\_module\_information

Widok przedstawia informacje o modułach stacjonarnych w kursach.

```
create view in_person_module_information as
select ModuleID,
       Classroom,
       concat(FirstName, ' ', LastName) as Translator_full_name,
       LanguageName,
       Limit
from In_person_Modules left join Translators on In_person_Modules.TranslatorID
= Translators.TranslatorID
left join Languages on In_person_Modules.LanguageID = Languages.LanguageID;
```

---

## Languages\_count\_translators

Widok przedstawia ilu tłumaczy mówi w danych językach.

```
create view languages_count_translators as
select LanguageName,
       count(TranslatorID) as Translators_count
from Languages
     inner join Translators_Languages on Languages.LanguageID =
Translators_Languages.LanguageID
group by LanguageName;
```

---

## Module\_information

Widok przedstawia informacje o modułach w kursach.

```
create view module_information as
select ModuleID,
       concat(FirstName, ' ', LastName) as Teacher_full_name,
       CourseID,
       Name,
       Description,
       DateAndBeginningTime,
       Duration,
       TypeName
from Modules inner join Employees on Modules.TeacherID = Employees.EmployeeID
inner join Types on Modules.TypeID = Types.TypeID;
```

---

## Online\_sync\_module\_information

Widok przedstawia informacje o modułach online-synchronicznych w kursach.

```
create view online_sync_module_information as
select ModuleID,
       MeetingLink,
       RecordingLink,
       concat(FirstName, ' ', LastName) as Translator_full_name,
       LanguageName
from Online_Sync_Modules inner join Translators on
Online_Sync_Modules.TranslatorID = Translators.TranslatorID
inner join Languages on Online_Sync_Modules.LanguageID = Languages.LanguageID;
```

---

## Online\_async\_module\_information

Widok przedstawia informacje o modułach online-asynchronicznych w kursach.

```
create view online_async_module_information as
select ModuleID,
       RecordingLink
from Online_Async_Modules;
```

---

## Studie\_information

Widok przedstawia informacje o studiach wraz z ilością przedmiotów, ilością spotkań oraz maksymalną ilością miejsc na studiach (wyznaczaną po podstawie spotkań stacjonarnych).

```
create view studie_information as
with count_subjects as (select StudiesID, count(SubjectID) as total_subjects
                        from Subjects
                        group by StudiesID
), count_meetings as (select StudiesID, count(MeetingID) as total_meetings
                     from Meetings
                     inner join Subjects on Meetings.SubjectID =
Subjects.SubjectID
                        group by StudiesID
), limit_for_studie as (select StudiesID, min(Limit) as min_limit
                       from In_person_Meetings inner join Meetings on
In_person_Meetings.MeetingID = Meetings.MeetingID
                       inner join Subjects on Meetings.SubjectID =
Subjects.SubjectID
                       group by StudiesID
)
select Studies.StudiesID,
       concat(FirstName, ' ', LastName) as Coordinator_full_name,
       Name,
       Description,
       StartDate,
       EndDate,
       Price,
       isnull(total_subjects, 0) as Total_subjects,
       isnull(total_meetings, 0) as Total_meetings,
       min_limit as Total_places
from Studies left join Employees on Studies.CoordinatorID =
Employees.EmployeeID
left join count_subjects on Studies.StudiesID = count_subjects.StudiesID
left join count_meetings on Studies.StudiesID = count_meetings.StudiesID
left join limit_for_studie on Studies.StudiesID = limit_for_studie.StudiesID;
```

---

## Translators\_information

Widok przedstawia informacje o tłumaczach pracujących na platformie.

```
CREATE view translators_information as
select TranslatorID,
       FirstName,
       LastName,
       Phone,
       Email,
       Address,
       City,
       PostalCode
from Translators;
```

---

## Translators\_language

Widok przedstawia zestawienia tłumaczy wraz z językami, które tłumaczą

```
create view translators_language as
select concat(FirstName, ' ', LastName) as fullName,
       LanguageName
from Translators
     inner join Translators_Languages on Translators.TranslatorID =
Translators_Languages.TranslatorID
     inner join Languages on Languages.LanguageID =
Translators_Languages.LanguageID;
```

---

## Users\_information

Widok przedstawia informacje o użytkownikach systemu.

```
CREATE view users_information as
select UserID,
       FirstName,
       LastName,
       Phone,
       Email,
       Address,
       City,
       PostalCode
from Users;
```

---

## Webinar\_information

Widok przedstawia informacje o webinarach dostępnych czy nie dostępnych.

```
create view webinar_information as
    select WebinarID,
           Name,
           Description,
           DateAndBeginningTime,
           Duration,
           concat(C.FirstName, ' ', C.LastName) as full_name_coordinator,
           concat(T.FirstName, ' ', T.LastName) as full_name_teacher,
           concat(isnull(Translators.FirstName, ''), ' ',
isnull(Translators.LastName, '')) as full_name_translator,
           Price,
           LanguageName,
           RecordingLink,
           MeetingLink

    from Webinars inner join Employees T on Webinars.TeacherID = T.EmployeeID
    left join Employees C on C.EmployeeID = Webinars.CoordinatorID
    left join Translators on Webinars.TranslatorID = Translators.TranslatorID
    left join Languages on Webinars.LanguageID = Languages.LanguageID;
```

---