



# MIND PLAT

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2023/2

豐碩科技



**MVC**



**Mind Module Logic**

**Mind  
Plat**

**AGENDA**



.NET 6



EF 6



MVC

技術需求



# 6.0 Platform

.NET – A unified development platform



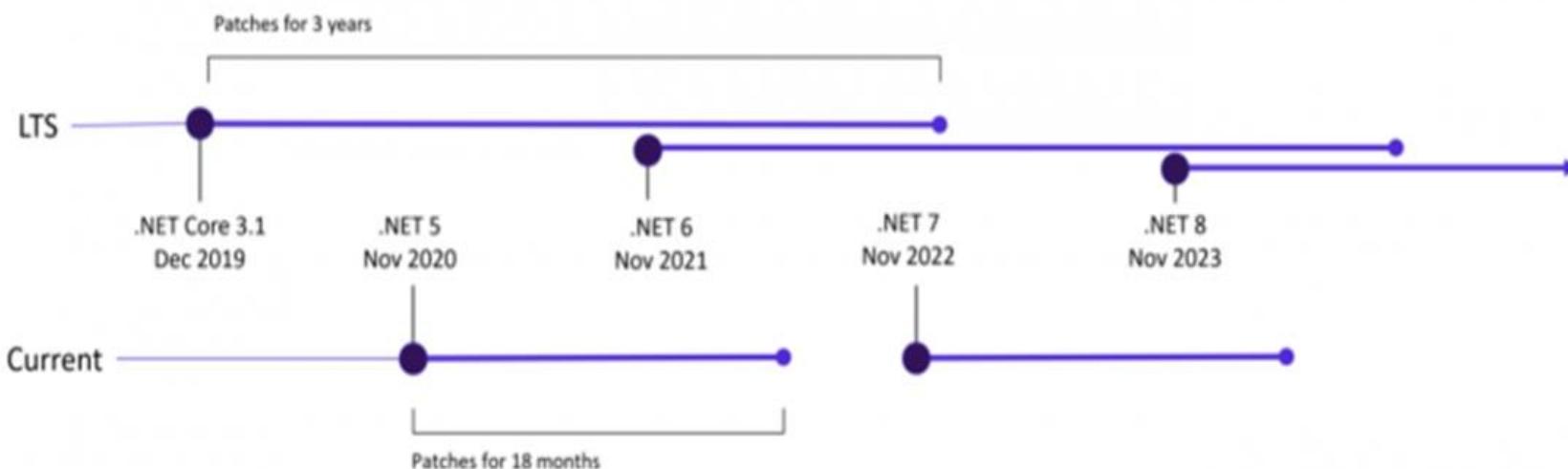


# 6.0 History

## .NET release cadence

We'll publish new major releases of .NET every year in November, enabling developers, the community, and businesses to plan their roadmaps. Even numbered releases are LTS releases that get free support and patches for three years.

Odd numbered releases are Current releases that get free support and patches for 18 months.



### Long Term Support (LTS)

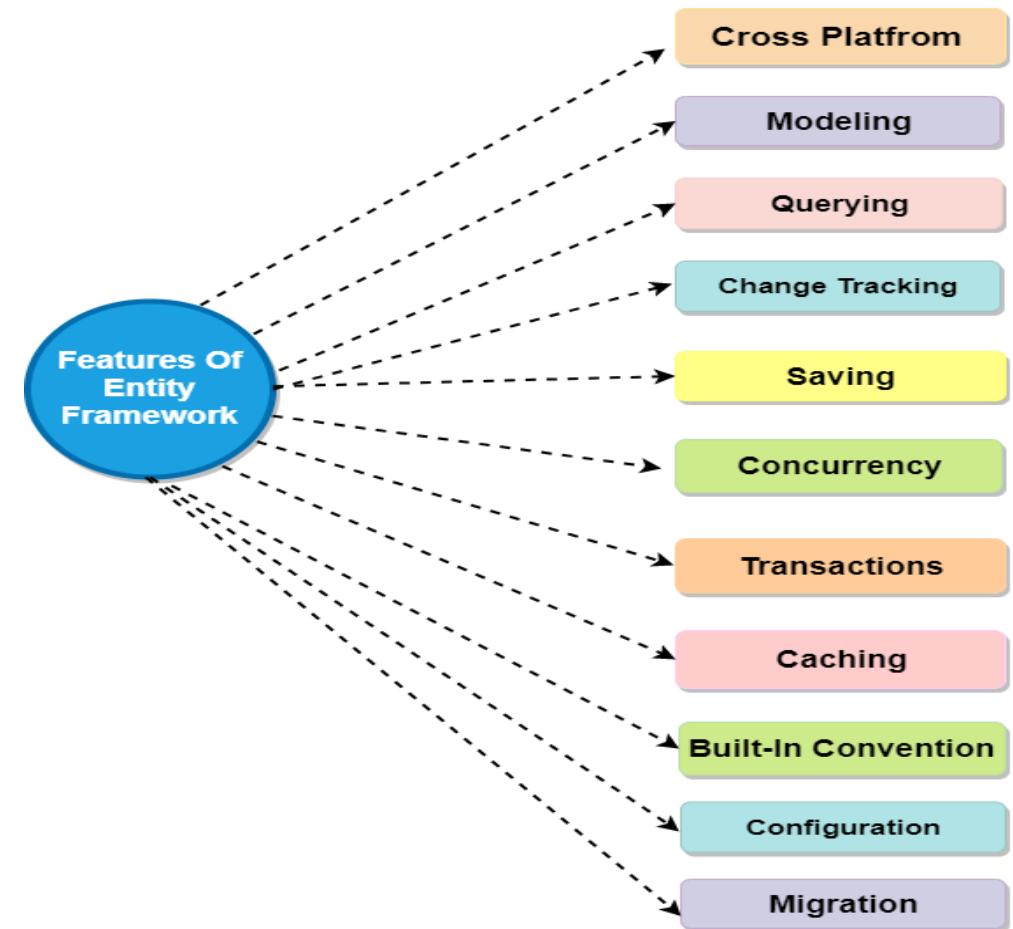
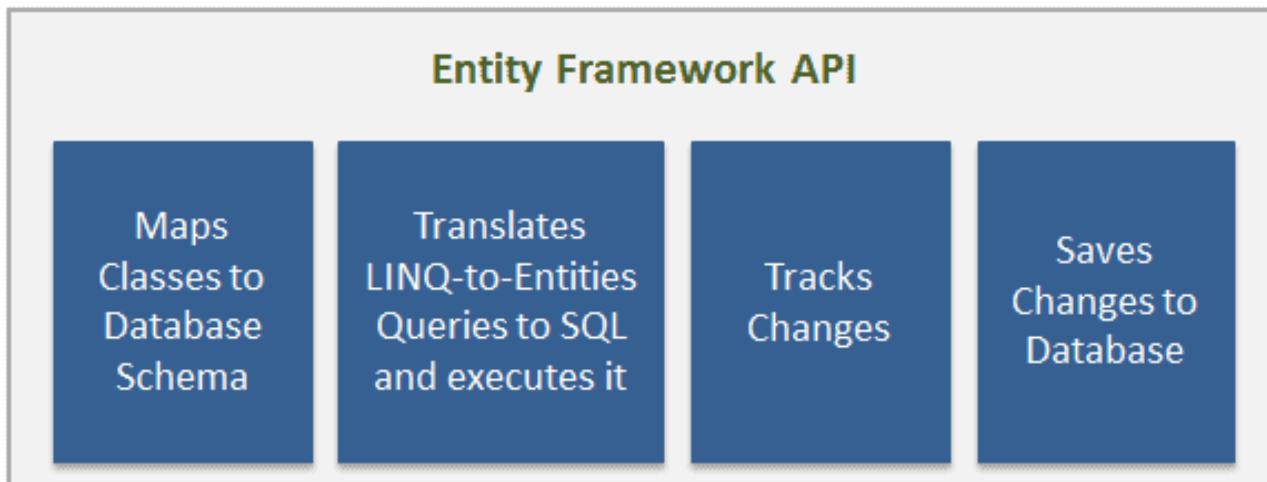
LTS releases are supported for three years after the initial release.

### Current

Current releases are supported for six months after a subsequent Current or LTS release. Releases happen every 12 months so the support period for Current is 18 months.

# Entity Framework

# API



## Entity Framework

# LINQ 優點

Integrated ( 整合化 )

Unitive(統一化)

Extensible(可擴充)

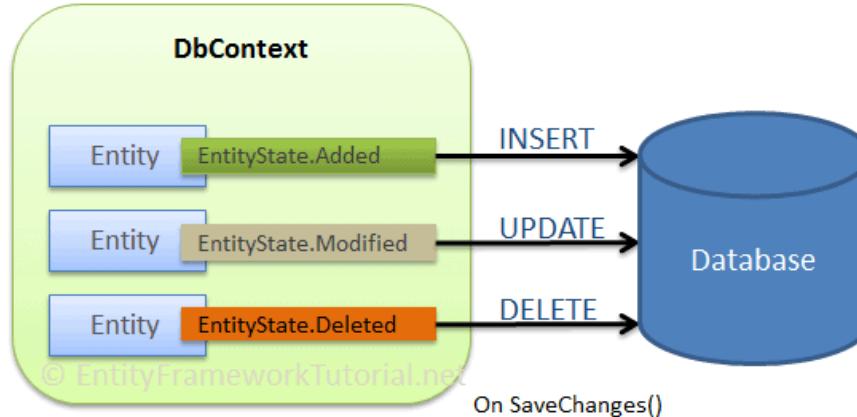
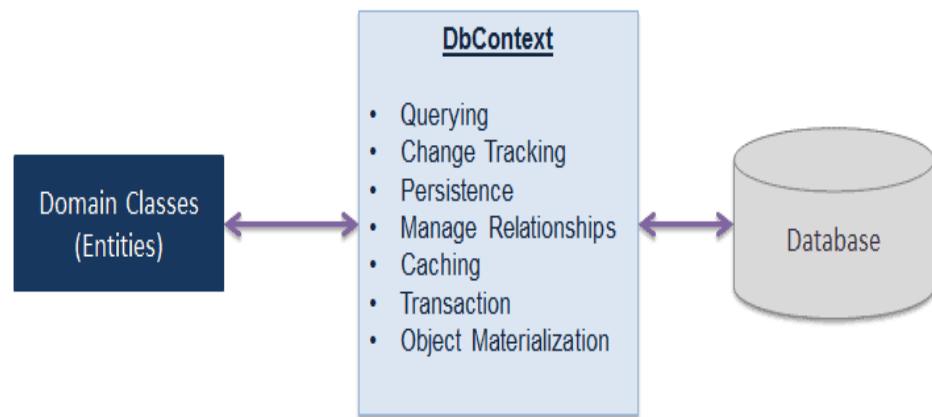
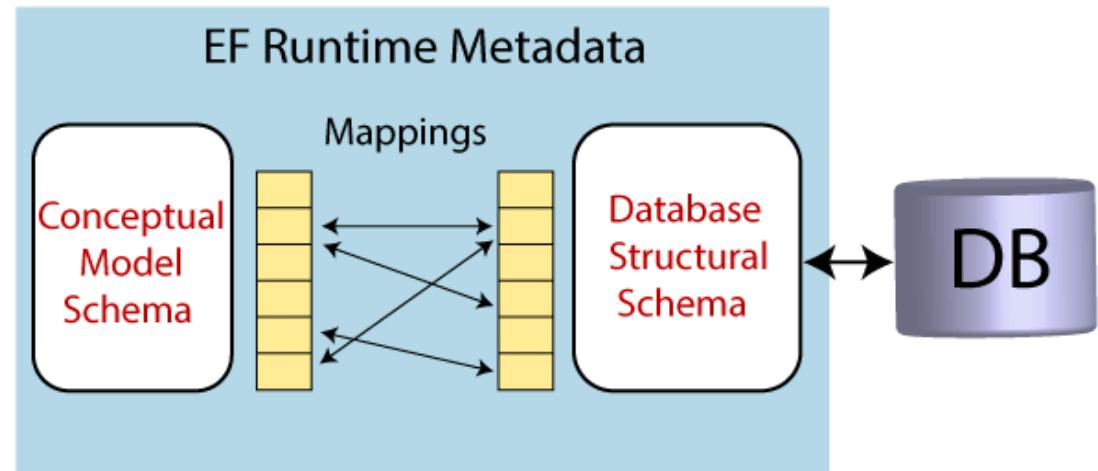
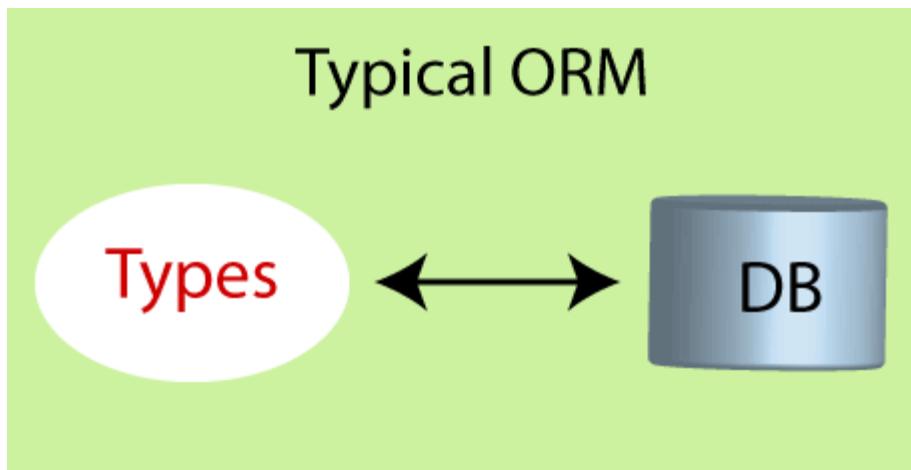
Declarative(聲明式)

Hierarchical(層次化)

Composable(可組成)

Transformative(可轉換)

# DbContext



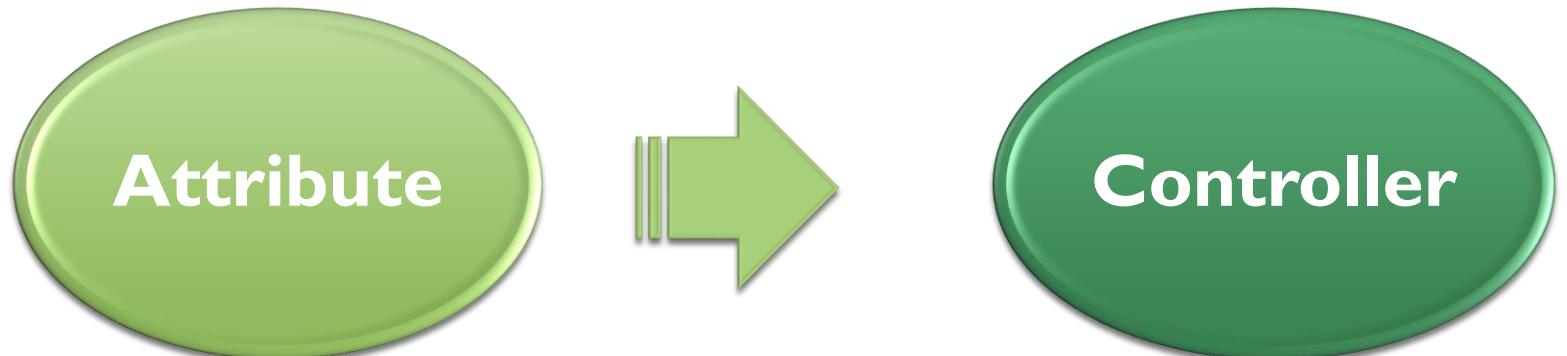
Entity  
Framework

# Attribute



Type

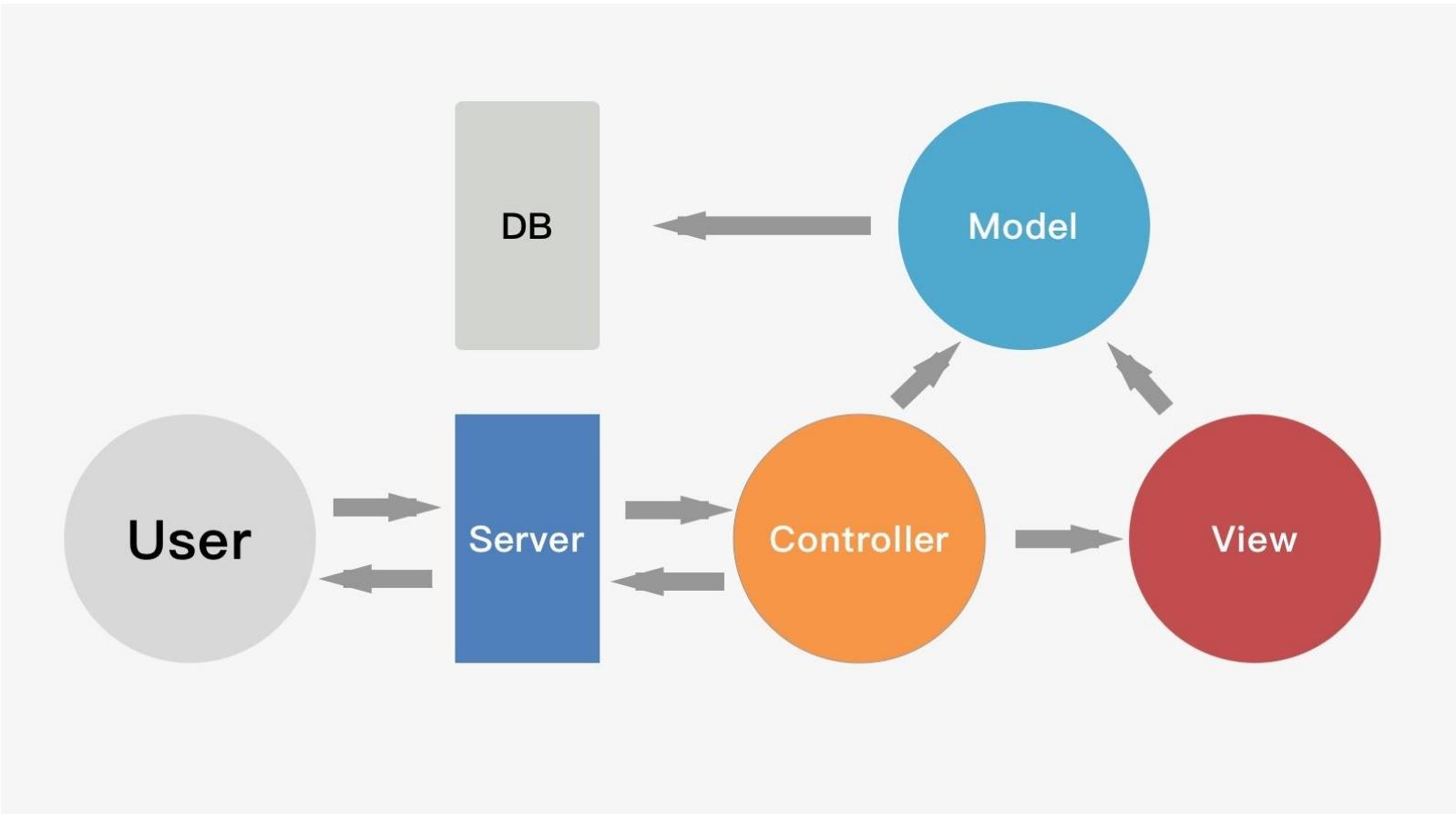
Attribute



```
[MindDisplayName(nameof(Department), null, "部門", "BO_Department", ImageFroms.Svg)]
[DefaultProperty(nameof(Department.Title))]
[RuleCriteria("Department_PositionsIsNotEmpty", DefaultContexts.Save, "Positions.Count > 0", CustomMessageTemplate = "The Department has at least one position")]
[RuleCriteria("Department_EmployeesIsNotEmpty", DefaultContexts.Save, "Employees.Count > 0", CustomMessageTemplate = "The Department has at least one employee")]
[NavigationItem("LogicDemo")]
[ImageName("BO_Department")]
20 個參考
public class Department : GuidObject
{
    [MindDisplayName(nameof>Title, null, "部門")]
    [RuleRequiredField]
    [StringLength(50)]
    5 個參考
    public virtual string Title { get; set; }
    [MindDisplayName(nameof(Office), null, "辦公室")]
    [StringLength(50)]
    2 個參考
    public virtual string Office { get; set; }
    [MindDisplayLinkType(typeof(Position))]
}
```

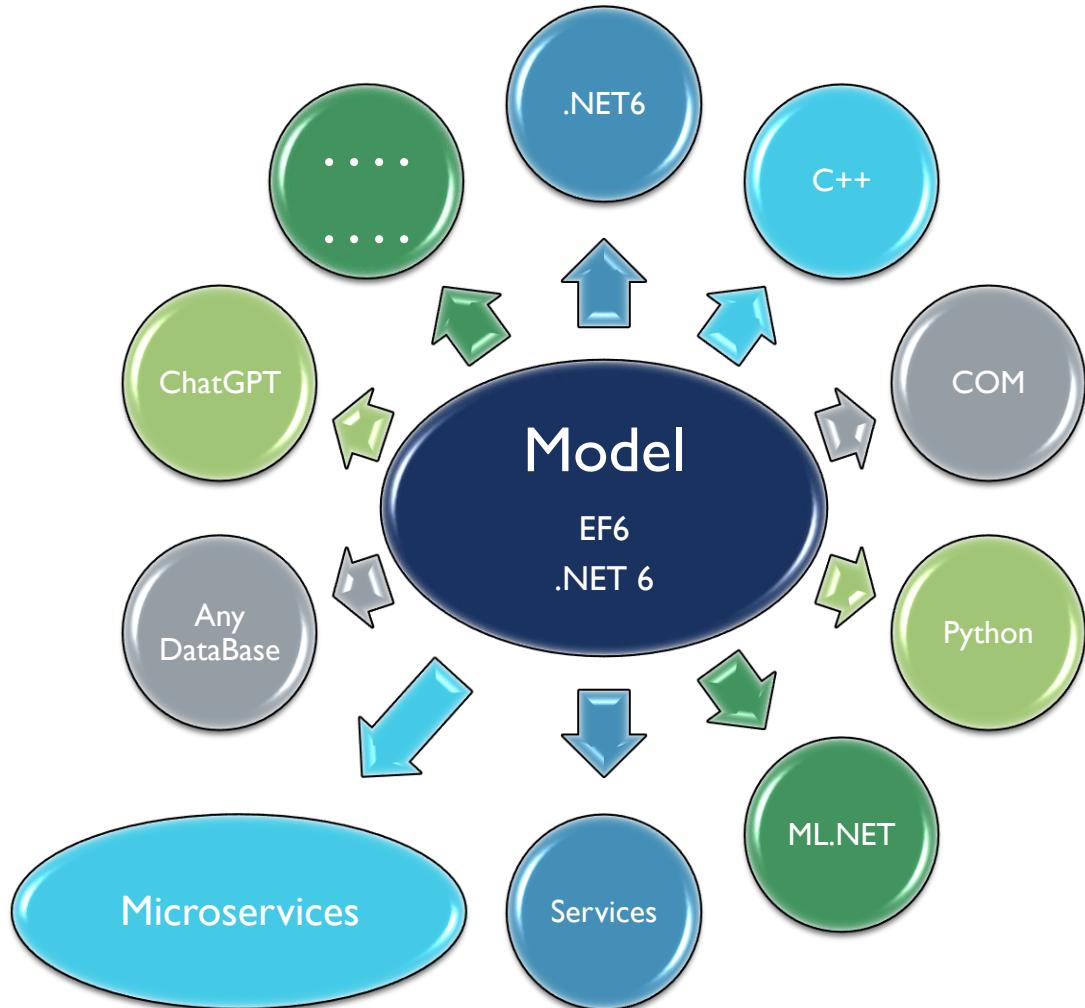
MVC

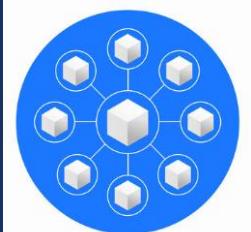
# Architecture



MVC

# Include





# Microservices 微服務

單體應用

CS架構

3-Tier架構

SOA架構

Micro  
Services

應用程式  
擴展性

Two-Pizza  
團隊

技術多樣  
化

資料安全  
性

容錯性

快速反覆  
運算、交  
付、驗證

# Collaborative Development Environment

**Architect 、 CTO 、 PM**

**SA 、 SD**

**SE**

**SE**

**SE**

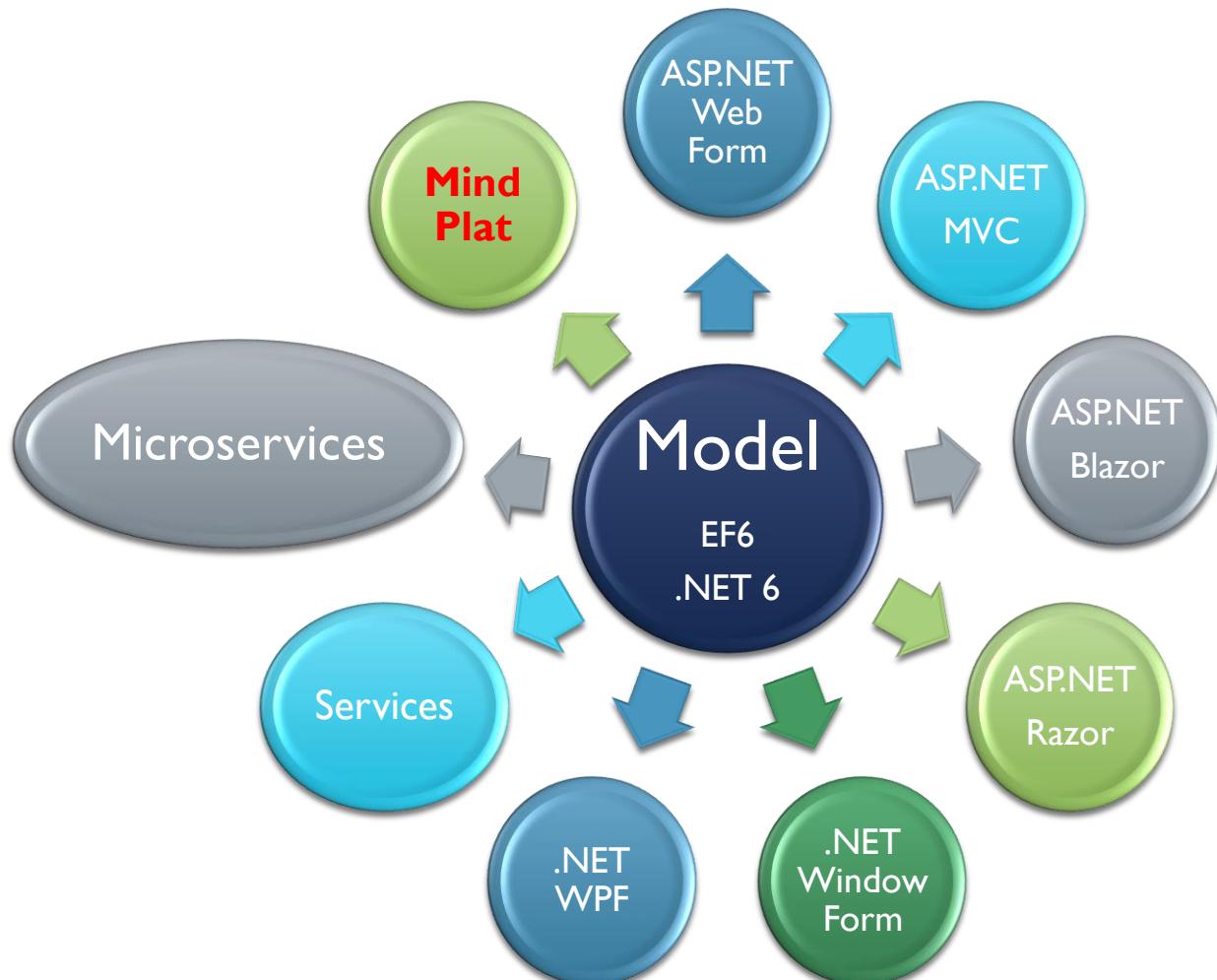
**SE**

**SE**

**SE**



# View & Controller





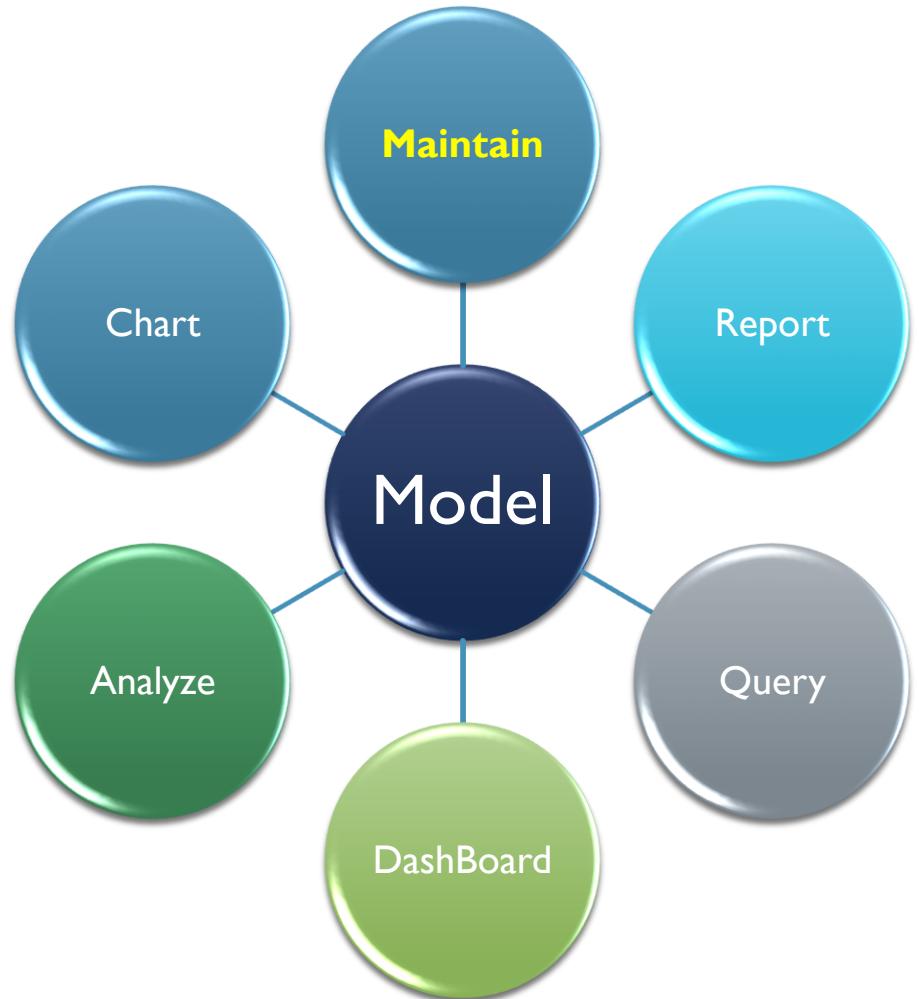
# Operation



View

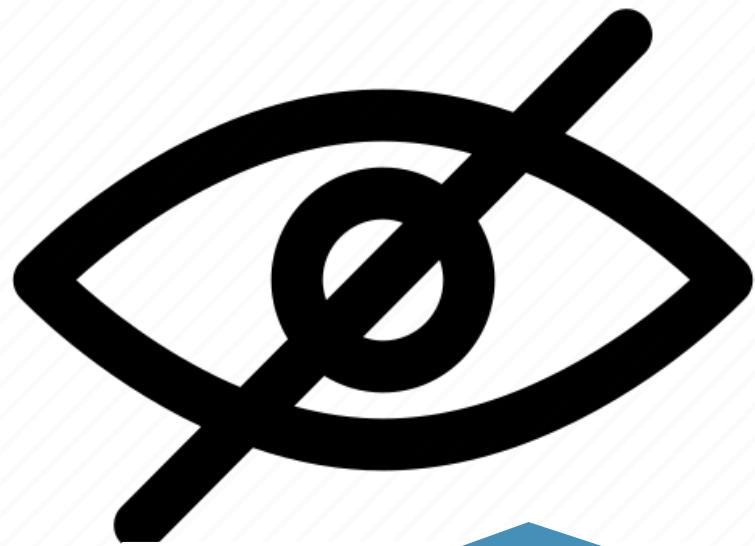


View & Controller

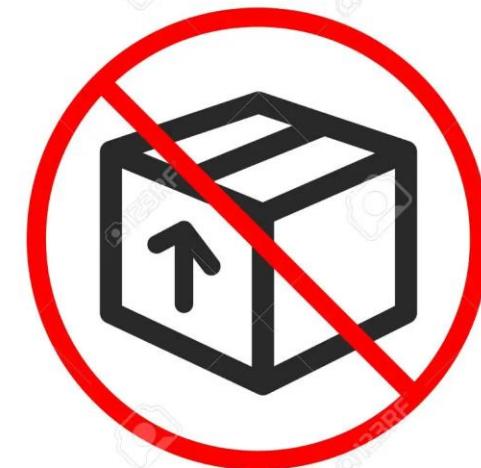


MVC

# Visual Studio MVC Fault



No View



No  
Independence



MVC

# Model & Logic

# Vision



Independence



Future by .NET



Future by Entity Framework



Collaborative Development Environment



Easy Develop



Easy Maintain



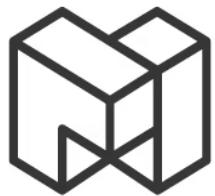
Big Project



Fast



Low Cost



MODULE

**Mind Module Logic**

Mind  
Plat

**Mind Plat**



開發工具



Light



Win Form



Fast



Visualize



CDE



MIND MODULE LOGIC      FEATURE

Mind  
Plat

# Mind Module Logic

Module Logic

常用 建構 作業 檢視 佈景主題

查詢檢視

員工(Employees) 任務(Tasks)

查詢  
And 群組(所列條件同時成立)  
預計工作時間 >= 10

[預計工作時間] >= 10

請將資料欄標題拖放到此以設定資料群組

優先等級	實際工作時間	預計工作時間	完成日期	標題	說明	到期日	開始時間	完成率	分配給	狀態
中	12	12		Sumit Trav...	Gabe, you s...	2023/2/4	2023/1/16	0	等待別人	
中	17	13		Analyze Su...	Antony, we...	2023/2/3	2023/1/21	0	完成	
低	0	15		Send Recei...	Marcus, I've...	2023/2/4		0	延期	
高	1	10		Approval on...	My report is...	2023/2/4	2023/1/18	0	進行中	
低	11	13		Create New...	You have t...	2023/2/4	2023/1/10	0	進行中	
低	11	12		Create 202...	2022 Sales ...	2023/2/3	2023/1/12	0	完成	
低	0	19		Update Dat...	Todd, I'm t...	2023/2/5		0	未開始	
高	0	12		Follow up ...	The proble...	2023/2/5		0	未開始	
高	14	13		Submit Ne...	New marke...	2023/2/4	2023/1/20	0	等待別人	
低	0	15		Update Per...	In an audit...	2023/2/4		0	延期	
高	13	17		Report on ...	Wally, I've ...	2023/2/4	2023/1/5	0	等待別人	
高	13	16		Book Flights...	We are hea...	2023/2/4	2023/1/14	0	進行中	
高	0	19		Follow Up E...	Need you t...	2023/2/4		0	延期	

輸入搜尋文本

雜項

- 分... 完...
- 完... 到... 2023/2/4
- 到... 狀態 等待別人
- 員工 (Collection) 開... 2023/1/16
- 預... 實... 12
- 實... 說明 Gabe, you...



# Mind Module Logic

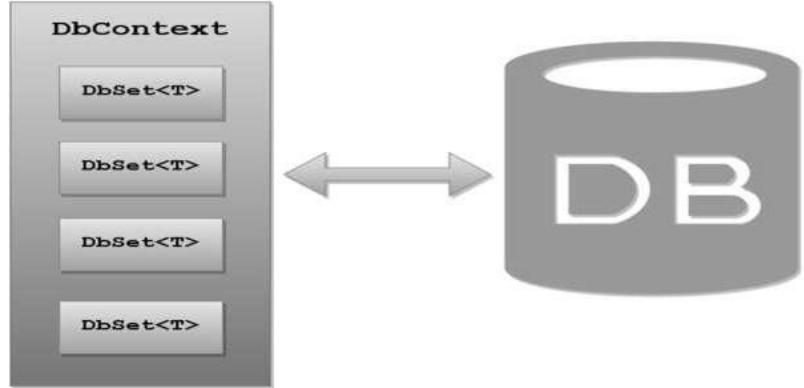
電話號碼(PhoneNumbers)  
位置(Positions)  
簡歷(Resumes)  
筆記(Notes)  
任務(Tasks)  
方法邏輯  
(LogicDemoContextL ^  
logic1)  
部們(Department)  
任務日期(TaskDate) ^  
任務明細(TaskList)  
任務查詢(TaskQueryable)  
任務查詢狀態  
(TaskQueryableStatus)  
任務明細狀態(TaskListStatus)

常用 建構 作業 檢視 佈景主題  
邏輯範例資料表(LogicDemoD...)  
模型實體關係圖 資訊檢視 報表設計 查詢設計 儀表板設計  
檢視 設計

常用 建構 作業 檢視 佈景主題  
自訂 參數 跟踪 采取  
跳過 0 執行 非同步執行 取消執行  
參數 執行  
查詢檢視 明細檢視

常用 建構 作業 檢視 佈景主題  
預覽列印 匯出 視窗 幫助  
匯出 視窗 關於

常用 建構 作業 檢視 佈景主題  
.ctor(DateTime startDate,DateTime endDate)  
.ctor(DateTime 1753/1/1 上午 12:00:00,DateTime 1753/1/1 上午 12:00:00)  
參數



# Persistent Object

# Business object

Mind  
Plat

PO & BO

# Model & Logic

## System Logic

Context  
Logic

Context  
Logic

Context  
Logic

、 、 、

會計 邏輯

DbContext  
Entities

DbContext  
Entities

DbContext  
Entities

、 、 、

會計  
資料表

進銷存 邏  
輯

庫存 邏輯

、 、 、

## ERP 邏輯

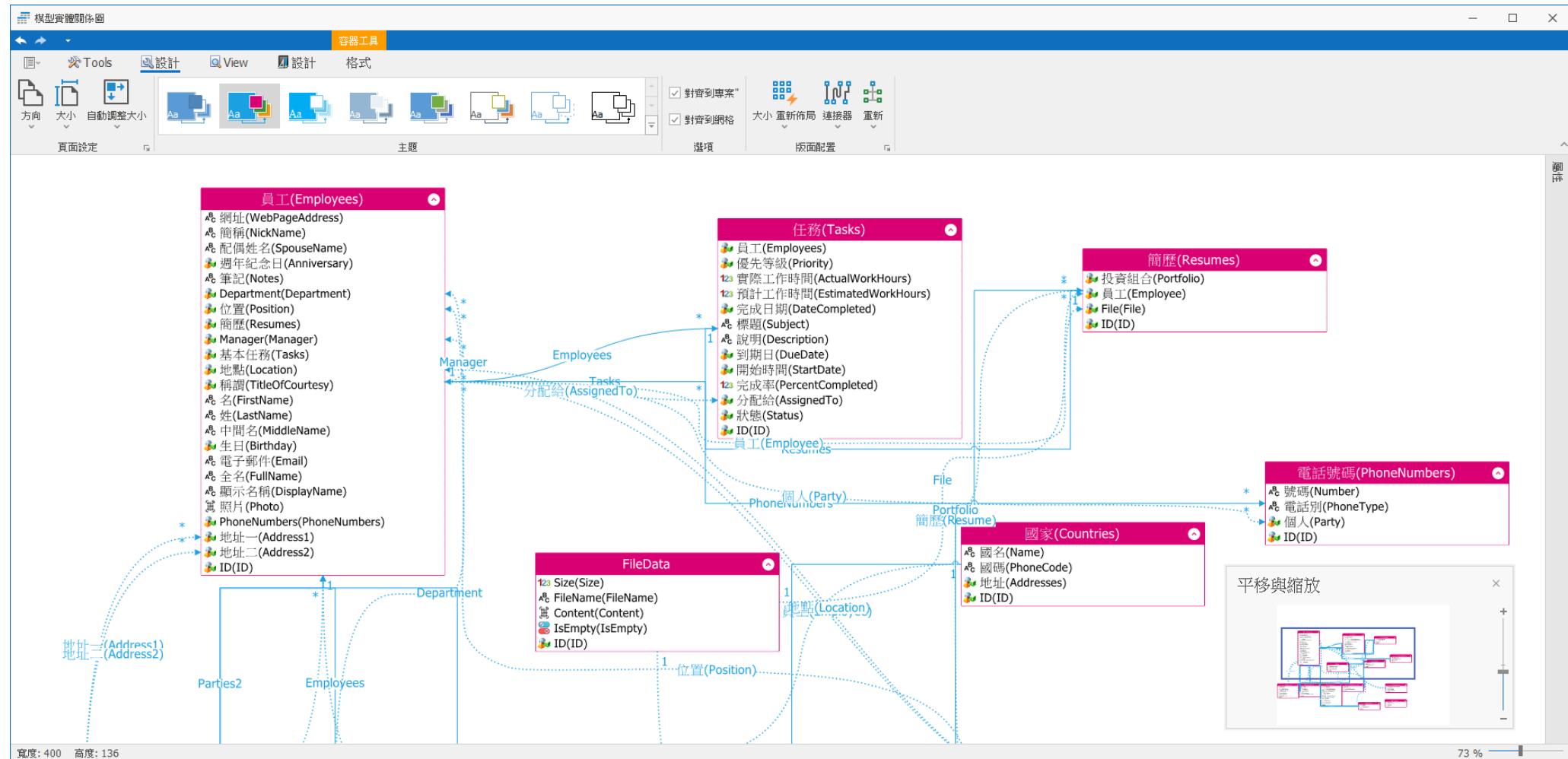
、 、 、

、 、 、

# Mind Module Logic



# Entity-Relationship diagram



# Attribute & Controller

## System.ComponentModel.DataAnnotations 命名空間

參考



提供屬性類別，這些類別可用來定義 ASP.NET MVC 和 ASP.NET 資料控制項的中繼資料。

### 類別

AssociatedMetadataTypeDescriptionProvider	會以加入於關聯類別中定義之屬性 (Attribute) 及屬性 (Property) 資訊的方式，延伸類別中繼資料的資訊。
AssociationAttribute	指定實體成員代表資料關聯性，例如外部索引鍵關聯性。
CompareAttribute	提供比較兩個屬性 (Property) 的屬性 (Attribute)。
ConcurrencyCheckAttribute	指定屬性參與開放式並行存取檢查。
CreditCardAttribute	指定資料欄位值為信用卡號碼。
CustomValidationAttribute	指定用來驗證屬性或類別執行個體的自訂驗證方法。
DataTypeAttribute	指定要與資料欄位產生關聯的其他類型名稱。
DisplayAttribute	提供一般用途屬性，可讓您為實體部分類別的類型和成員指定可當地語系化的字串。
DisplayColumnAttribute	將所參考資料表中顯示的資料行指定為外部索引鍵資料行。
DisplayFormatAttribute	指定 ASP.NET Dynamic Data 顯示和格式化資料欄位的方式。
EditableAttribute	表示是否可以編輯資料欄位。
EmailAddressAttribute	驗證電子郵件地址。
EnumDataTypeAttribute	讓 .NET 列舉對應至資料行。
FileExtensionsAttribute	驗證副檔名。

```
[MindDisplayName(nameof(Department), null, "部門", "BO_Department", ImageFroms.Svg)]
[DefaultProperty(nameof(Department.Title))]
[RuleCriteria("Department_PositionsIsNotEmpty", DefaultContexts.Save, "Positions.Count > 0", CustomMessageTemplate = "The Department has at least one position")]
[RuleCriteria("Department_EmployeesIsNotEmpty", DefaultContexts.Save, "Employees.Count > 0", CustomMessageTemplate = "The Department has at least one employee")]
[NavigationItem("LogicDemo")]
[ImageName("BO_Department")]
20 個參考
public class Department : GuidObject
{
    [MindDisplayName(nameof>Title, null, "部門")]
    [RuleRequiredField]
    [StringLength(50)]
    5 個參考
    public virtual string Title { get; set; }
    [MindDisplayName(nameofOffice), null, "辦公室"]
    [StringLength(50)]
    2 個參考
    public virtual string Office { get; set; }
    [MindDisplayLinkType(typeof(Position))]
}
```

# Class & Function 開發一致性

	Class	Function	OO ( 物件導向 )	Unitive(統一化)
Parameter	Constructor	Method	Extensible(可擴充)	Easy Maintain (易維護)
DataSource	Property	Result	Hierarchical(層次化)	Composable(可組成)
Query	IQueryable			
List	List		Easy Read(易閱讀)	

TaskDate - 報表設計器

TaskDate

參數

日期

開始日期 2022/12/14

結束日期 2023/2/12

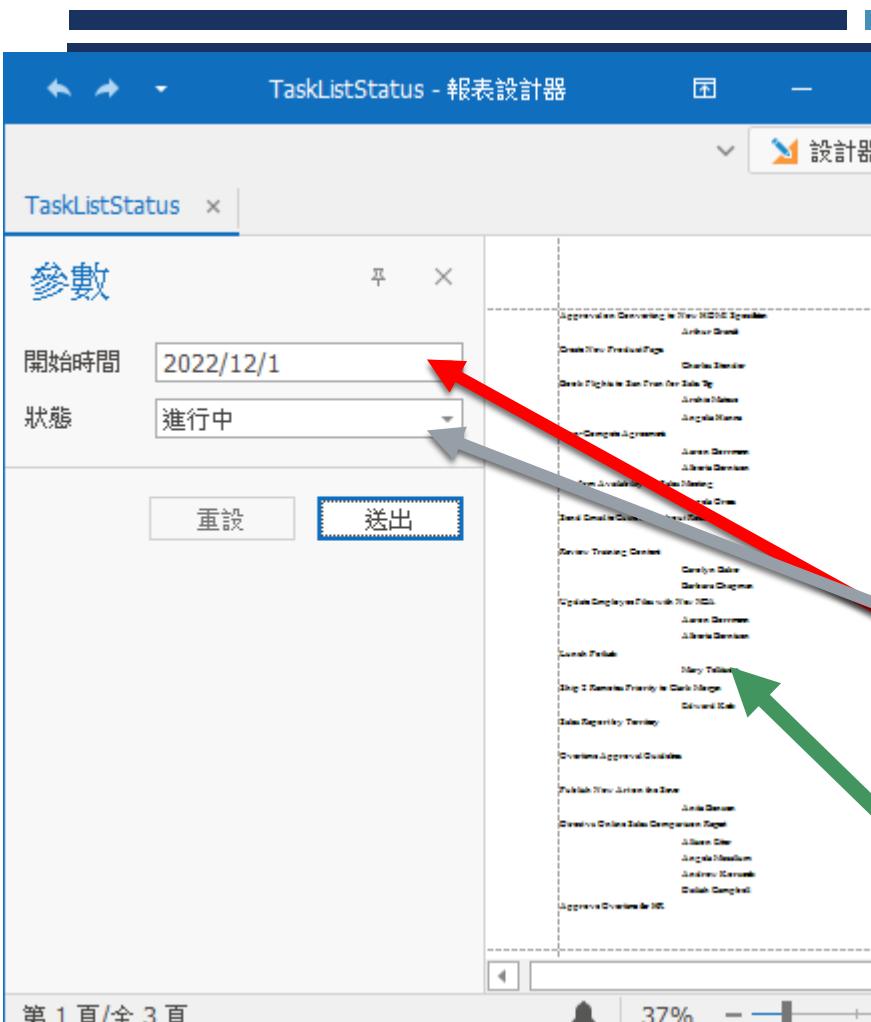
重設 送出

任務

第 1 頁/全 8 頁 31%

[MindDisplayName(nameof(TaskDate), null, "任務日期")]  
4 個參考  
public class TaskDate : ContextLogic  
{  
 3 個參考  
 LogicDemoDbContext LogicDemoContext { get; }  
 1 個參考  
 public TaskDate()  
 {  
 LogicDemoContext = this.NewDbContext<LogicDemoDbContext>();  
 }  
 [Parameter(nameof(startDate), "開始時間")]  
 [Parameter(nameof(endDate), "結束時間")]  
 0 個參考  
 public TaskDate(DateTime startDate, DateTime endDate) : this()  
 {  
 TaskQueryable = LogicDemoContext.Tasks.AsNoTracking().Where(x => x.StartDate >= startDate && x.EndDate <= endDate).ToList();  
 TaskList = TaskQueryable.ToList();  
 }  
 [MindDisplayName(nameof(TaskList), null, "任務明細"), Logic()]  
 2 個參考  
 public List<DemoTask> TaskList { get; }  
 [MindDisplayName(nameof(TaskQueryable), null, "任務查詢"), Logic()]  
 3 個參考  
 public IQueryables<DemoTask> TaskQueryable { get; }  
 [MindDisplayName(nameof(TaskListStatus), null, "任務明細狀態"), Logic()]  
 [Parameter(nameof(status), "狀態")]  
 [Parameter(nameof(startDate), "開始時間")]  
 1 個參考  
 public List<DemoTask> TaskListStatus(DateTime startDate, BusinessObjects.TaskStatus status)  
 {  
 return LogicDemoContext.Tasks.AsNoTracking().Where(x => x.StartDate >= startDate && x.Status == status).ToList();  
 }  
}

Constructor 建構 Parameter 參數 Property 屬性



```
[MindDisplayName(nameof(TaskDate), null, "任務日期")]
4 個參考
public class TaskDate : ContextLogic
{
    3 個參考
    LogicDemoDbContext LogicDemoContext { get; }
    1 個參考
    public TaskDate()
    {
        LogicDemoContext = this.NewDbContext<LogicDemoDbContext>();
    }
    [Parameter(nameof(startDate), "開始時間")]
    [Parameter(nameof(endDate), "結束時間")]
    0 個參考
    public TaskDate(DateTime startDate, DateTime endDate) :this()
    {
        TaskQueryable = LogicDemoContext.Tasks.AsNoTracking().Where(x => x.StartDate >= startDate && x.EndDate <= endDate).ToList();
        TaskList = TaskQueryable.ToList();
    }
    [MindDisplayName(nameof(TaskList), null, "任務明細"), Logic()]
    2 個參考
    public List<DemoTask> TaskList { get; }
    [MindDisplayName(nameof(TaskQueryable), null, "任務查詢"), Logic()]
    3 個參考
    public IQueryable<DemoTask> TaskQueryable { get; }
    [MindDisplayName(nameof(TaskListStatus), null, "任務明細狀態"), Logic()]
    [Parameter(nameof(status), "狀態")]
    [Parameter(nameof(startDate), "開始時間")]
    1 個參考
    public List<DemoTask> TaskListStatus(DateTime startDate, BusinessObjects.TaskStatus status)
    {
        return LogicDemoContext.Tasks.AsNoTracking().Where(x => x.StartDate >= startDate && x.Status == status).ToList();
    }
}
```

Method 方法  
Parameter 參數  
Return 回傳值



專案

儀表板

儀表板

網格 1

圖表 1

標題 開始時間(年) 顯示名稱

2023 Training Events
Approval on Converting to New HDMI S
Approve Overtime for HR
Approve Vacation Request
Book Flights to San Fran for Sales Trip
Brochure Design Review
Collect Customer Reviews for Website
Confirm Availability for Sales Meeting
Contact ISP and Discuss Payment Option
Create Icons for Website

樞紐分析表 1

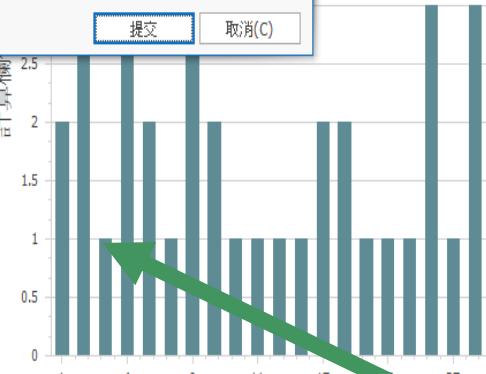
	InProgress	總計
Aaron Borrmann	1	1
Alberta Berntsen	1	1
Alfred Nolan	1	1
Allison Etter	1	1
Amber Seaman	1	1
Amy Stamps	1	1
Andrew Carter	1	1
Anita Benson	4	4
Anita Cardle	1	1

儀表板的參數

參數	值
開始時間	2000/1/1
狀態	InProgress

X 計算欄位 1 (總和)

提交 取消(C)



```
[MindDisplayName(nameof(TaskDate), null, "任務日期")]
4 個參考
public class TaskDate : ContextLogic
{
    3 個參考
    LogicDemoDbContext LogicDemoContext { get; }
    1 個參考
    public TaskDate()
    {
        LogicDemoContext = this.NewDbContext<LogicDemoDbContext>();
    }
    [Parameter(nameof(startDate), "開始時間")]
    [Parameter(nameof(endDate), "結束時間")]
    0 個參考
    public TaskDate(DateTime startDate, DateTime endDate) :this()
    {
        TaskQueryable = LogicDemoContext.Tasks.AsNoTracking().Where(x => x.StartDate >= startDate && x.EndDate <= endDate).ToList();
    }
    [MindDisplayName(nameof(TaskList), null, "任務明細"), Logic()]
    2 個參考
    public List<DemoTask> TaskList { get; }
    [MindDisplayName(nameof(TaskQueryable), null, "任務查詢"), Logic()]
    3 個參考
    public IQueryable<DemoTask> TaskQueryable { get; }
    [MindDisplayName(nameof(TaskListStatus), null, "任務明細狀態"), Logic()]
    [Parameter(nameof(status), "狀態")]
    [Parameter(nameof(startDate), "開始時間")]
    1 個參考
    public List<DemoTask> TaskListStatus(DateTime startDate, BusinessObjects.TaskStatus status)
    {
        return LogicDemoContext.Tasks.AsNoTracking().Where(x => x.StartDate >= startDate && x.Status == status).ToList();
    }
}
```

Method 方法

Parameter 參數

Return 回傳值

[MindDisplayName(nameof(TaskQueryableStatus)), null, "任務查詢狀態"), Logic()]  
[Parameter(nameof(status), "狀態")]  
[Parameter(nameof(startDate), "開始時間")]  
2 個參考

```
public IQueryable<DemoTask> TaskQueryableStatus(DateTime startDate, BusinessObjects.TaskStatus status)
{
    return LogicDemoContext.Tasks.AsNoTracking().Where(x => x.StartDate >= startDate && x.Status == status);
}
```

請將資料欄標題拖放到此以設定資料群組

優先...	實	預	完	標題	說明	到	開	完	分	狀
+	1	...	Appr...	My rep...	...	...	...	進	進	進
+	低	...	Crea...	You h...	...	...	0	...	進	進
+	高	...	Boo...	We ar...	...	...	0	...	進	進
+	低	...	Non...	Make f...	...	...	0	...	進	進
+	中	...	Conf...	I've ca...	...	...	0	...	進	進
+	中	...	Sen...	The pr...	...	...	0	...	進	進
+	高	...	Revi...	Sam pl...	...	...	0	...	進	進
+	高	...	Upd...	Manag...	...	...	0	...	進	進
+	高	5	Lunc...	Send ...	...	...	0	...	進	進
+	高	3	Ship...	Please...	...	...	0	...	進	進
+	高	...	Sale...	Ed wa...	...	...	0	...	進	進
+	高	8	Over...	Saman...	...	...	0	...	進	進
+	高	...	Publi...	Violet...	...	...	0	...	進	進
+	低	...	Dire...	To be...	...	...	0	...	進	進
+	高	...	Appr...	Submi...	...	...	0	...	進	進
+	中	9	Upgr...	Need ...	...	...	0	...	進	進
+	中		Revi	2022			0	進		

開始日期 1753/1/1  
狀態 進行中

查詢

And 群組(所列條件同時成立)

完成率 = 50 ×

- = 等於
- ≠ 不等於
- > 大於
- ≥ 大於或等於
- < 小於
- ≤ 小於或等於
- [...] Is in range
- [...] Is not in range
- [...] 介於
- [...] 不介於
- 資料空白
- 不是空白
- 是右列之一
- 不是右列之一

Method 方法  
Parameter 參數  
Return 回傳值  
IQueryable 查詢



常用 汇出 佈景主題

開啟 儲存檔案 另存新檔 資料來源 參數設計 查詢設計 行為 資料

檔案 設計

網格顯示 樞紐分析表 圖表

請將資料欄標題拖放到此以設定資料群組

優先...	實	預	完	標題	說明	到	開	完	分	狀
+	1	...	Appr...	My rep...	...	0	...	進	進	進
+	低	...	Crea...	You h...	...	0	...	進	進	進
+	高	...	Boo...	We ar...	...	0	...	進	進	進
+	低	...	Non-...	Make f...	...	0	...	進	進	進
+	中	...	Conf...	I've ca...	...	0	...	進	進	進
+	中	...	Sen...	The pr...	...	0	...	進	進	進
+	高	...	Revi...	Sam pl...	...	0	...	進	進	進
+	高	...	Upd...	Manag...	...	0	...	進	進	進
+	高	5	...	Lunc...	Send ...	0	...	進	進	進
+	高	3	...	Ship...	Please...	0	...	進	進	進
+	高	...	Sale...	Ed wa...	...	0	...	進	進	進
+	高	8	...	Over...	Saman...	0	...	進	進	進
+	高	...	Publi...	Violet...	...	0	...	進	進	進
+	低	...	Dire...	To be...	...	0	...	進	進	進

Constructor 建構  
Parameter 參數  
Property 屬性  
IQueryable 查詢

```
[MindDisplayName(nameof(TaskDate), null, "任務日期")]
4 個參考
public class TaskDate : ContextLogic
{
    3 個參考
    LogicDemoDbContext LogicDemoContext { get; }
    1 個參考
    public TaskDate()
    {
        LogicDemoContext = this.NewDbContext<LogicDemoDbContext>();
    }
    [Parameter(nameof(startDate), "開始時間")]
    [Parameter(nameof(endDate), "結束時間")]
    public TaskDate(DateTime startDate, DateTime endDate) :this()
    {
        TaskQueryable = LogicDemoContext.Tasks.AsNoTracking().Where(x => x.StartDate >= startDate && x.EndDate <= endDate);
        TaskList = TaskQueryable.ToList();
    }
    [MindDisplayName(nameof(TaskList), null, "任務明細"), Logic()]
    2 個參考
    public List<DemoTask> TaskList { get; }
    [MindDisplayName(nameof(TaskQueryable), null, "任務查詢"), Logic()]
    3 個參考
    public IQueryable<DemoTask> TaskQueryable { get; }
    [MindDisplayName(nameof(TaskListStatus), null, "任務明細狀態"), Logic()]
    [Parameter(nameof(status), "狀態")]
    [Parameter(nameof(startDate), "開始時間")]
    1 個參考
    public List<DemoTask> TaskListStatus(DateTime startDate, BusinessObjects.TaskStatus status)
    {
        return LogicDemoContext.Tasks.AsNoTracking().Where(x => x.StartDate >= startDate && x.Status == status);
    }
}
```



# Model & Logic Realized



Independence



Future by .NET



Future by Entity Framework



Collaborative Development Environment



Easy Develop



Easy Maintain



Big Project



Fast

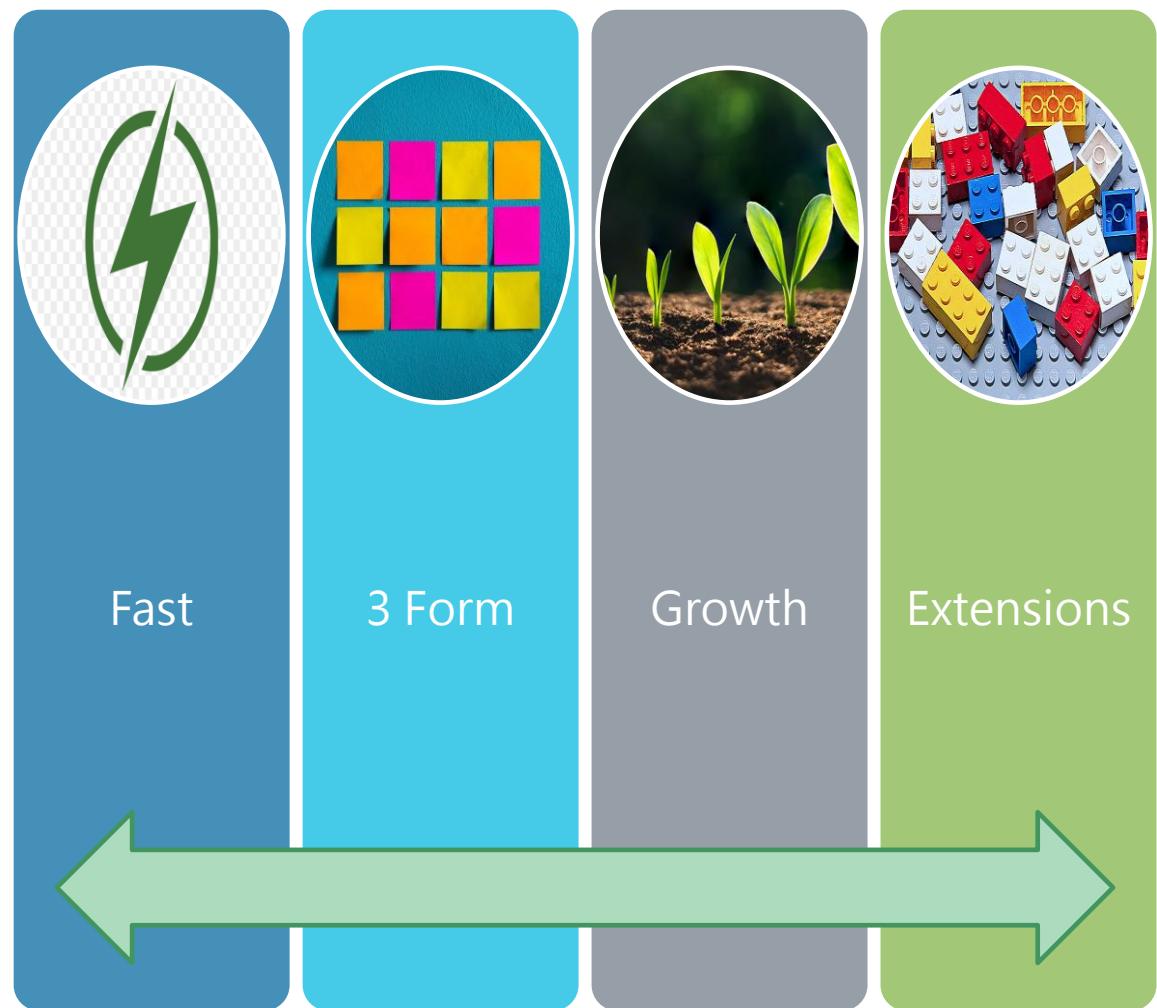
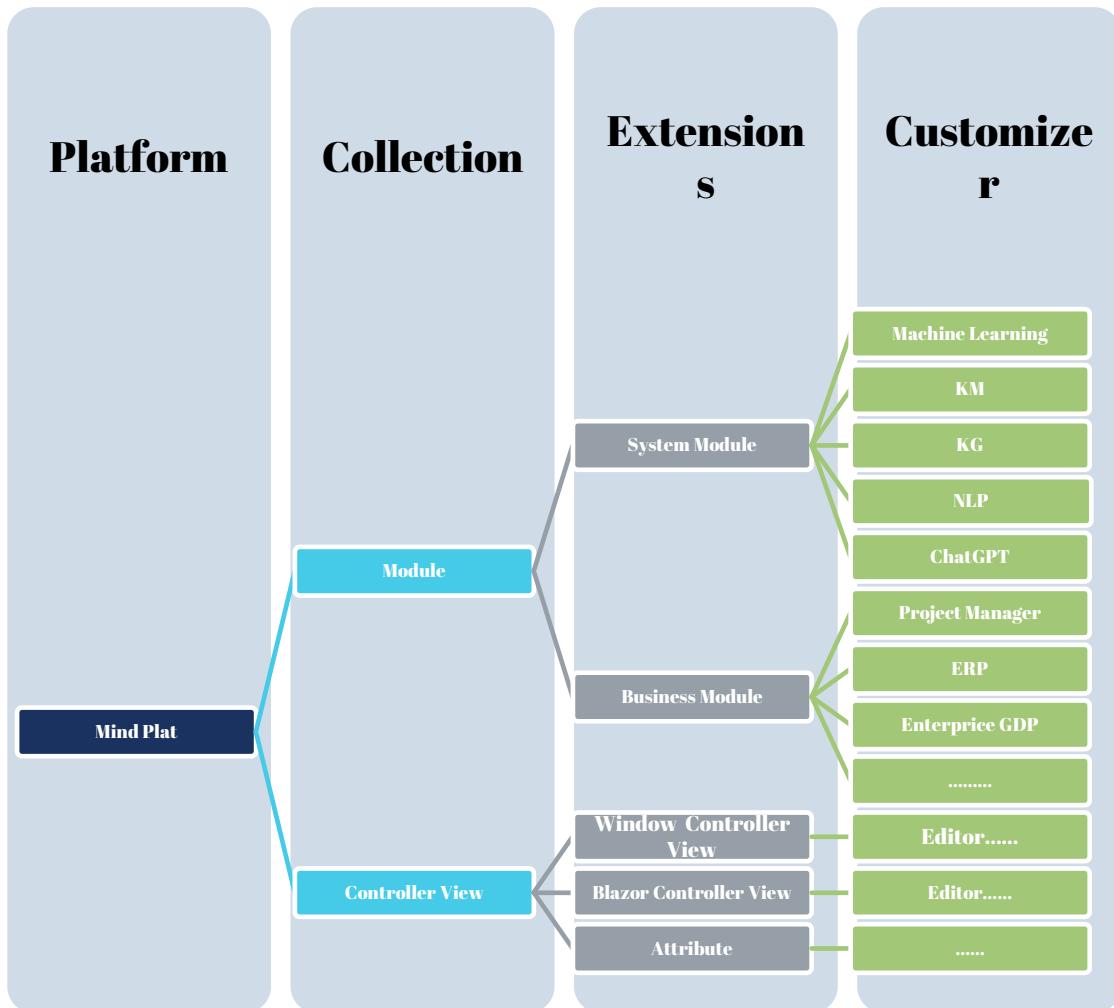


Low Cost

# Mind Plat Two 3



# Growth Extensions Platform





# Mind Plat Window

The image displays four windows of the Mind Plat application interface:

- 2023 Training Events - 任務 - Mind Plat**: A task management window showing a list of training events. It includes fields for completion date, assignee, due date, status, and start time. A note at the bottom states: "Need to finalize 2023 Training Events. QA is under pressure to step it up in 2023 and without an effective training strategy for the field, QA problems will persist. Nat Maguire: Leah, we've forwarded our 2023 training schedule. We'll do our best to minimize issues in 2023." A detailed table below shows attendance counts for various days.

優...	實...	預...	完...	標題	說明	到...	開...	完...	分...	狀...
田	高	1	10	Ap...	My...	202...	202...	0	An...	進...
田	低	11	13	Cr...	Yo...	202...	202...	0	An...	進...
田	高	13	16	Bo...	W...	202...	202...	0	Be...	進...
田	低	17	12	No...	Ma...	202...	202...	0	Do...	進...
田	中	15	13	Co...	I'v...	202...	202...	0	Al...	進...
田	中	10	11	Se...	Th...	202...	202...	0	A...	進...
田	高	24	19	Re...	Sa...	202...	202...	0	Ba...	進...
田	高	26	17	Up...	Ma...	202...	202...	0	An...	進...
田	高	5	15	Lu...	Se...	202...	202...	0	An...	進...
田	高	3	12	Shi...	Ple...	202...	202...	0	An...	進...
田	高	19	18	Sal...	Ed...	202...	202...	0	An...	進...
田	高	8	18	Ov...	Sa...	202...	202...	0	Dal...	進...
田	高	26	17	Pu...	Vi...	202...	202...	0	An...	進...
田	低	21	16	Dir...	To...	202...	202...	0	Cin...	進...

- 查詢分析 - 檢討分析 - Mind Plat**: A query analysis window showing a grid of data. The columns include 優..., 實..., 預..., 完..., 標題, 說明, 到..., 開..., 完..., 分..., 狀... and the rows show various dates and names like Aaron Borrmann, Abigail Bunch, Albert Walker, Alberta Berntsen.
- 儀表板 - Mind Plat**: A dashboard window displaying various reports. It includes sections for 網格 1 (grid view), 檢討分析表 1 (grid view), and a chart titled "計劃總額 (Sum)" showing data over time from week 5 to 31.
- 查詢分析**: A search analysis window showing a list of reports: 2023 Travel Spend Report, 2023 Brochure Designs, 2023 QA Strategy Report, and 2023 Training Events.



# Mind Plat Web Blazor

The image displays four windows of the Mind Plat Web Blazor application:

- Task Detail View:** Shows a task titled "Approval on Converting to New HDMI Specification" with details like priority (High), actual work time (1), and estimated work time (10). It includes a note about needing approval to invest \$250K.
- Report Viewer Detail View:** Displays a report titled "Employee List Report" showing a list of employees with columns for Last Name, First Name, Email, and Phone.
- Employees List Report:** A detailed view of the employee list with 24 entries, each containing the employee's name, email, and phone number.
- Dashboard:** A summary dashboard showing various metrics and a chart titled "Chart 1" with data for "CC (Sum)" over time.



# Mind Plat Mobile Web

Mind Plat

任务  
Approval on Converting to New HDMI Specification

优先等级  
高

实际工作時間  
1

預計工作時間  
10

Task

完成日期

標題  
Approval on Converting to New HDMI Specification

到期日  
2/4/2023

開始時間

Mind Plat

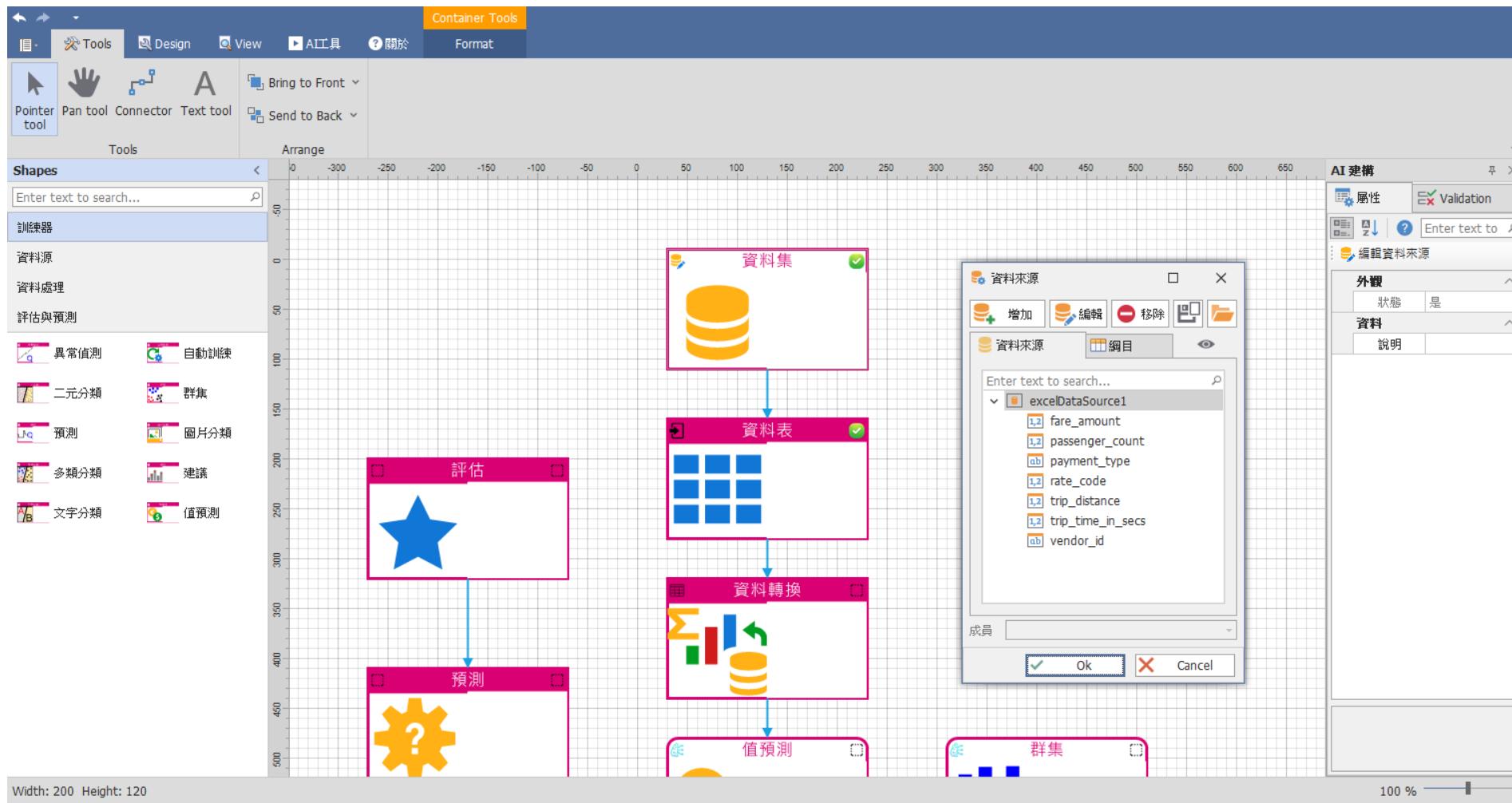
Report  
Employee List Report

Employees

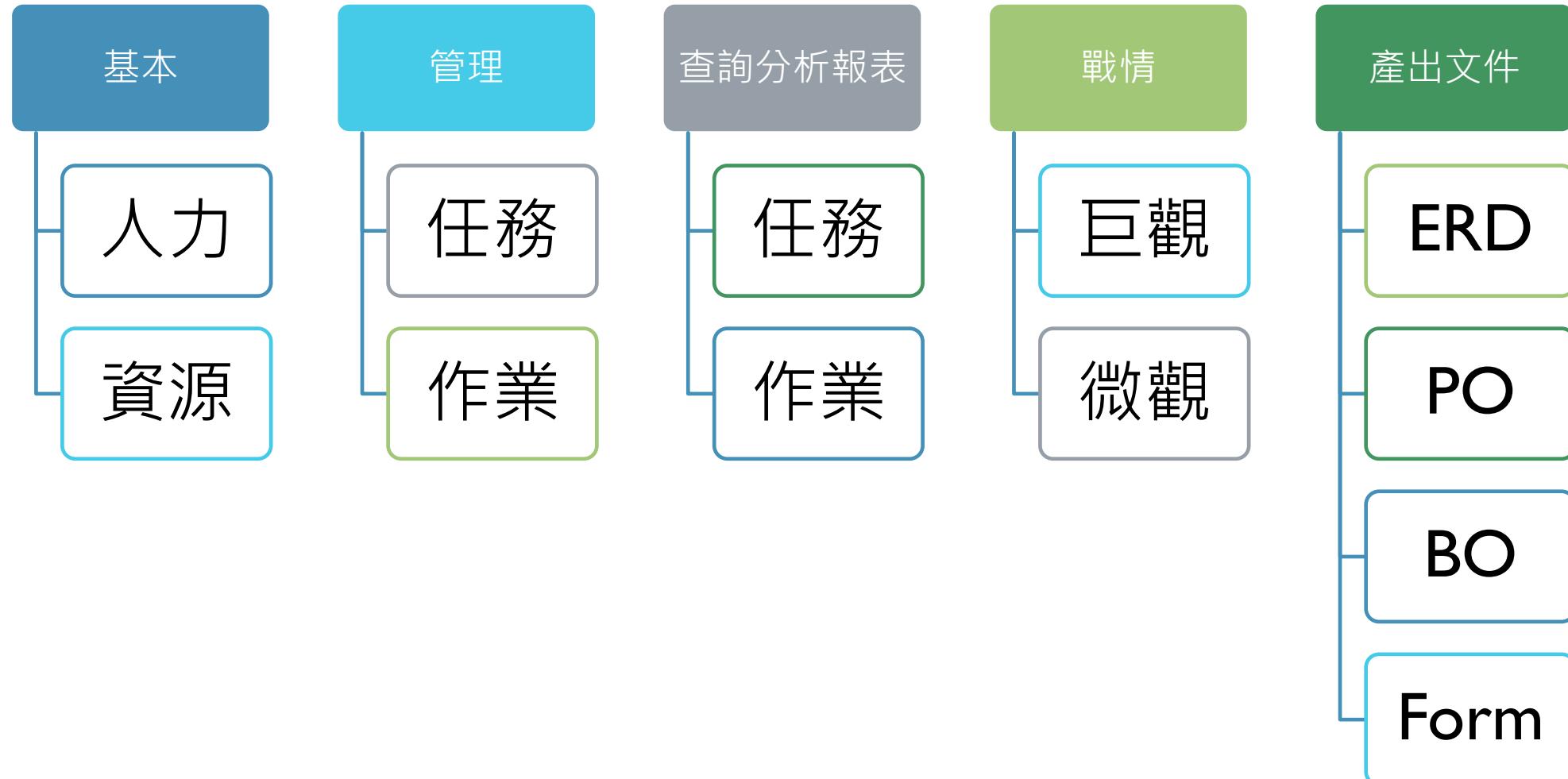
1 of 3 45%

Last Name	First Name	Office	Phone
Bermann	Aaron	Dallas	Aaron_Bermann@example.com
Gunsch	Dagall	Edmonton	Dagall_Gunsch@example.com
Walker	Elann	Edmonton	Elann_Walker@example.com
Sennan	Ebara	Edmonton	Ebara_Sennan@example.com
Nolan	Eliot	Edmonton	Eliot_Nolan@example.com
Martin	Elice	Edmonton	Elice_Martin@example.com
Der	Elijah	Edmonton	Elijah_Der@example.com
Dusak	Ema	Edmonton	Ema_Dusak@example.com
Gessinger	Emas	Edmonton	Emas_Gessinger@example.com
Johnson	Elphassa	Edmonton	Elphassa_Johnson@example.com
Hively	Elphassa	Edmonton	Elphassa_Hively@example.com
Searman	Ember	Edmonton	Ember_Searman@example.com
Borno	Emas	Edmonton	Emas_Borno@example.com
Stamps	Amy	Edmonton	Amy_Stamps@example.com
Deville	Andrea	Edmonton	Andrea_Deville@example.com
Carter	Andrew	Edmonton	Andrew_Carter@example.com
Korczak	Andrew	Edmonton	Andrew_Korczak@example.com
Gross	Angela	Edmonton	Angela_Gross@example.com
Moscaum	Angela	Edmonton	Angela_Moscaum@example.com
Walker	Angela	Edmonton	Angela_Walker@example.com
Hanna	Angela	Edmonton	Angela_Hanna@example.com
Benson	Arta	Edmonton	Arta_Benson@example.com

# Machine Learning Module



# Project Manager Module





# Knowledge Manager Module



PRACTICE



INFORMATION



INSIGHTS



PROCESS



TECHNOLOGY



PEOPLE



IMPROVEMENT

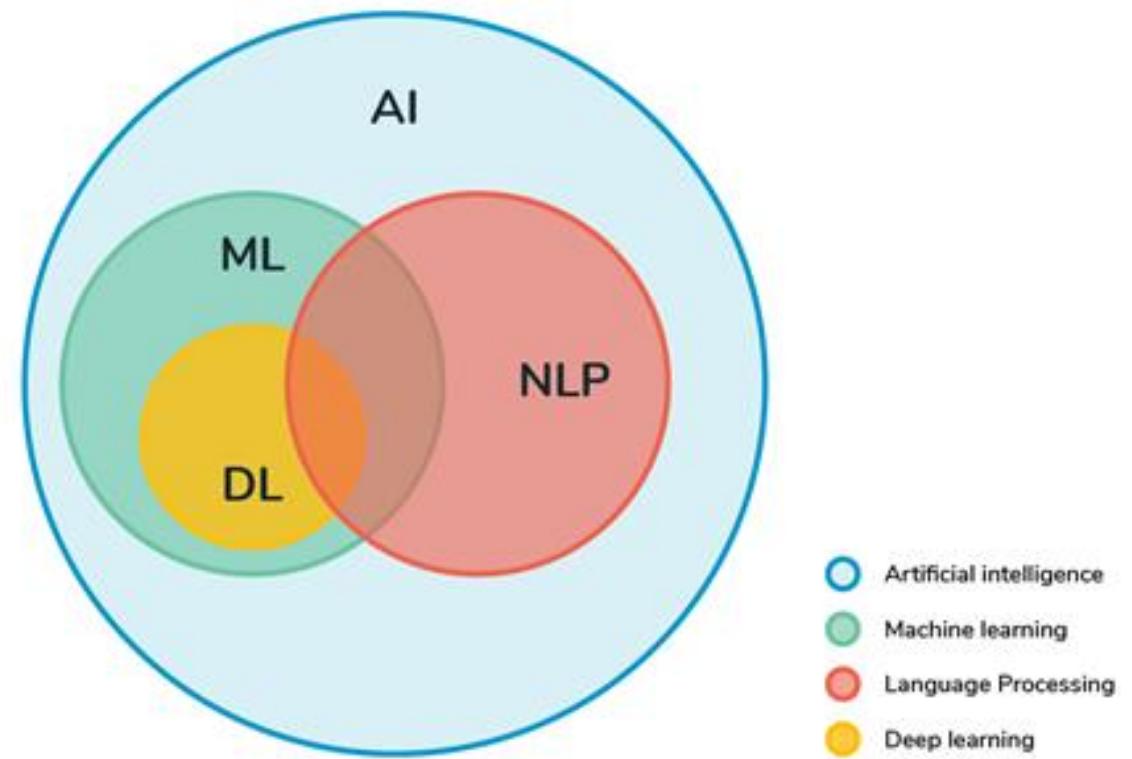
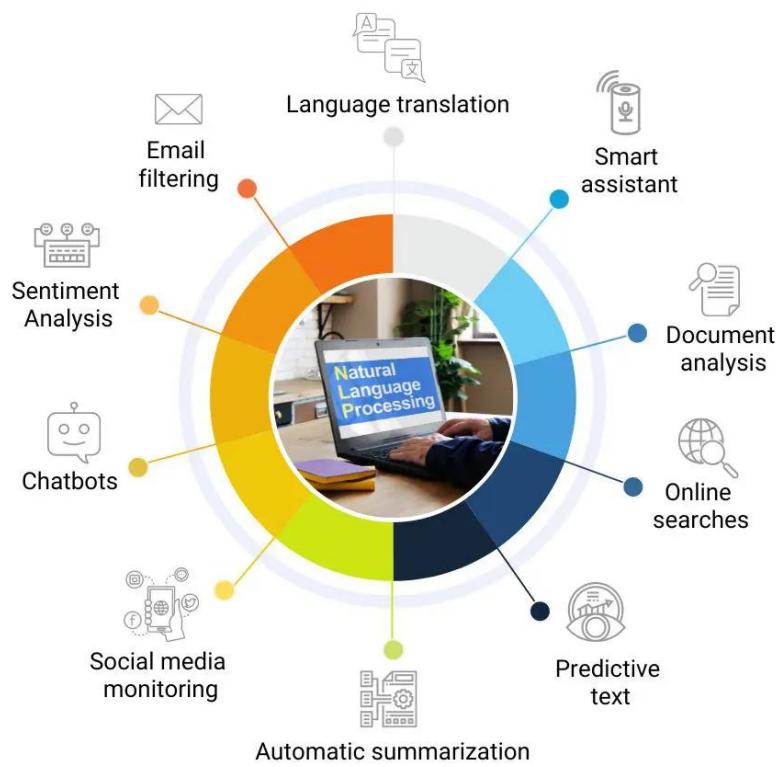


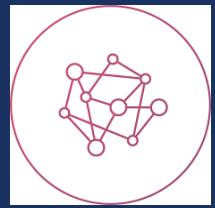
ADVICE



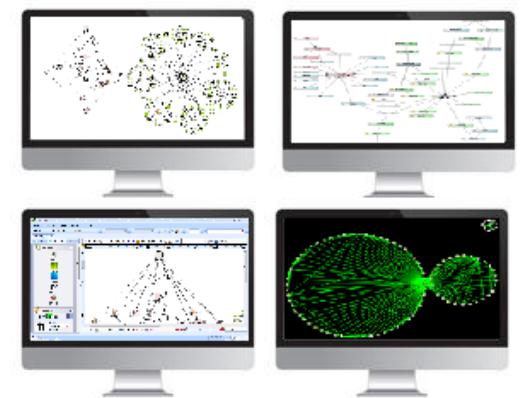
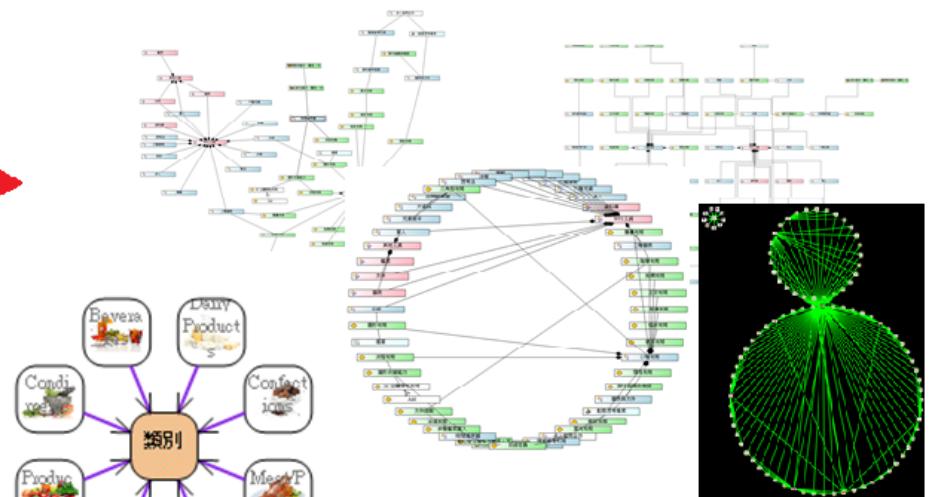
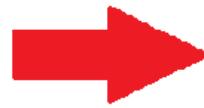
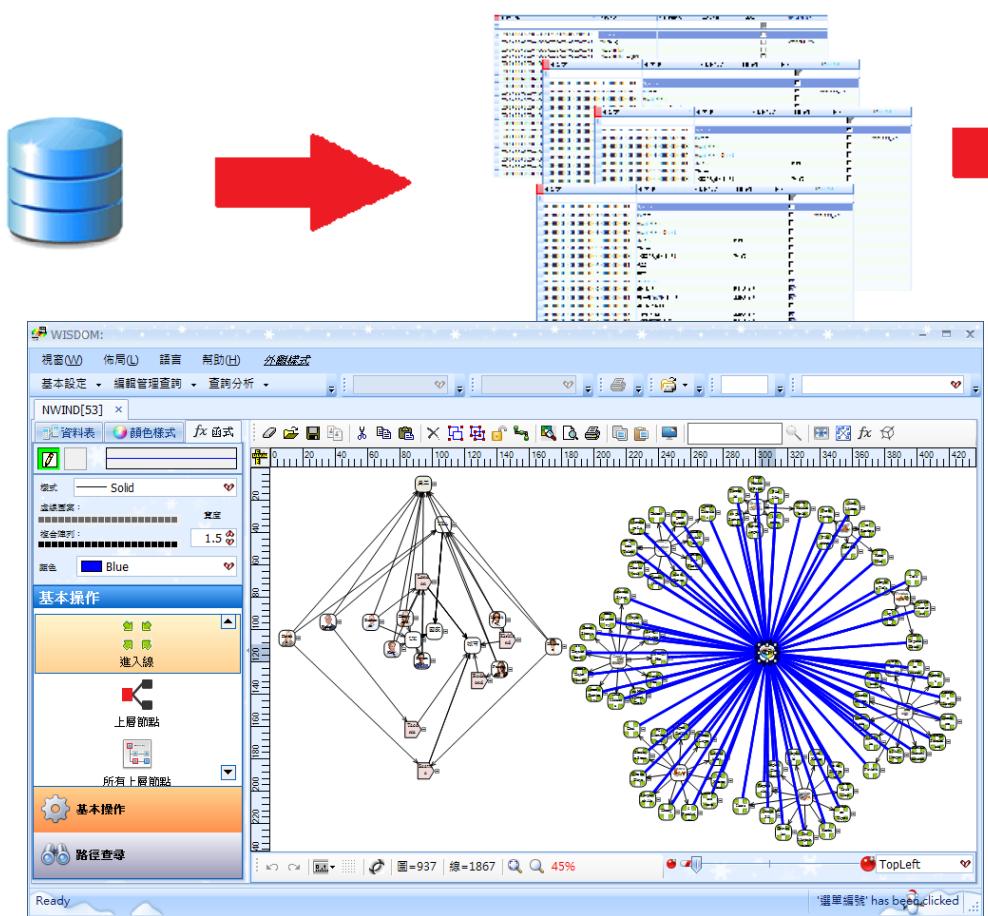
# NLP Module

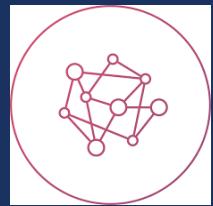
## Applications of Natural Language Processing





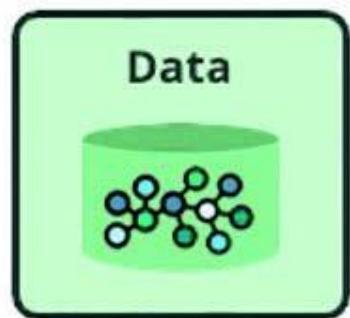
# Knowledge Graph Manager Module



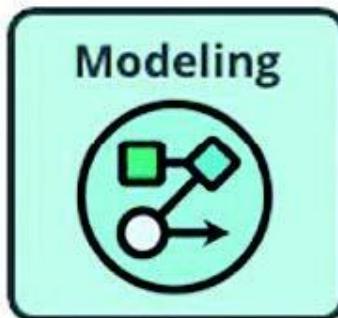


# Knowledge Graph AI Module

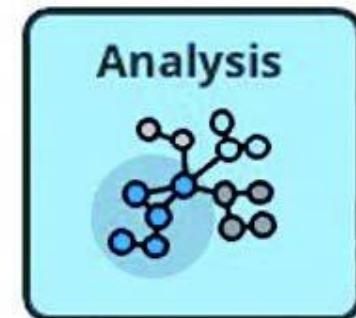
**Knowledge Graphs Enhance  
All Phases of Machine Learning**



Data  
Sourcing



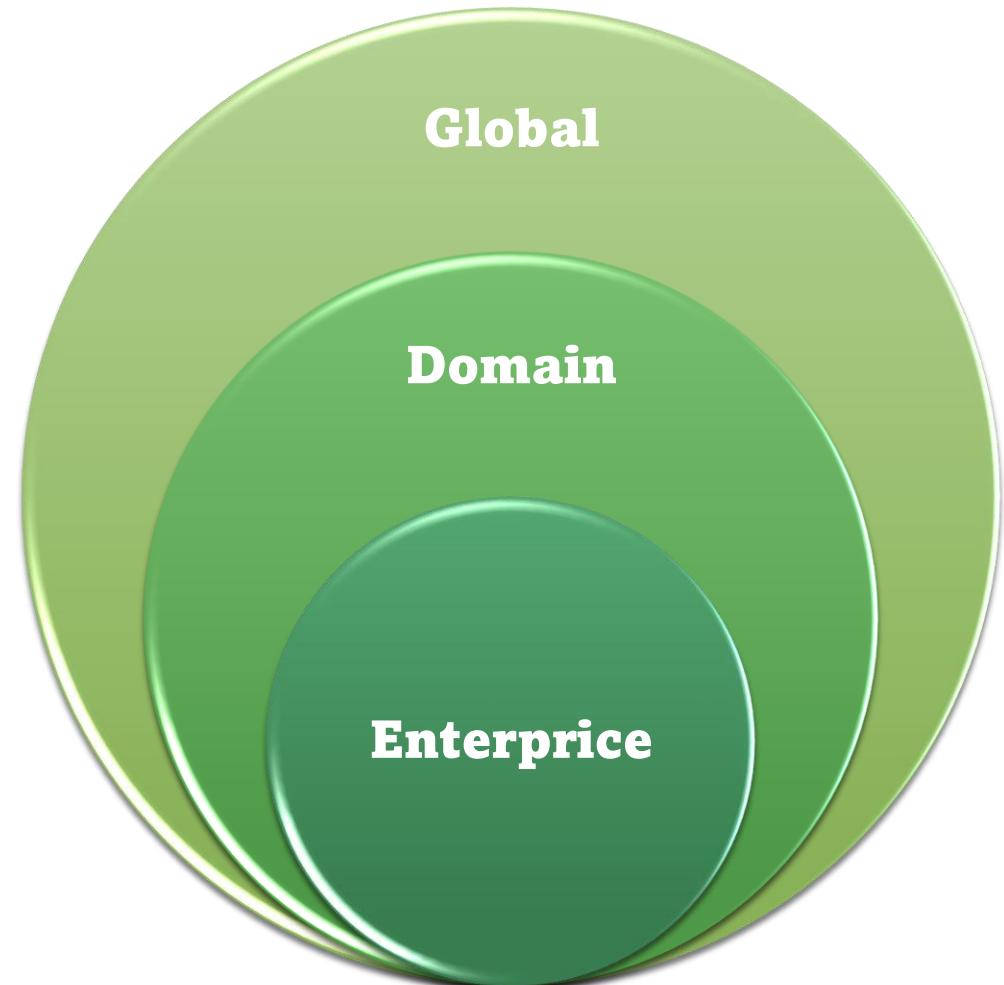
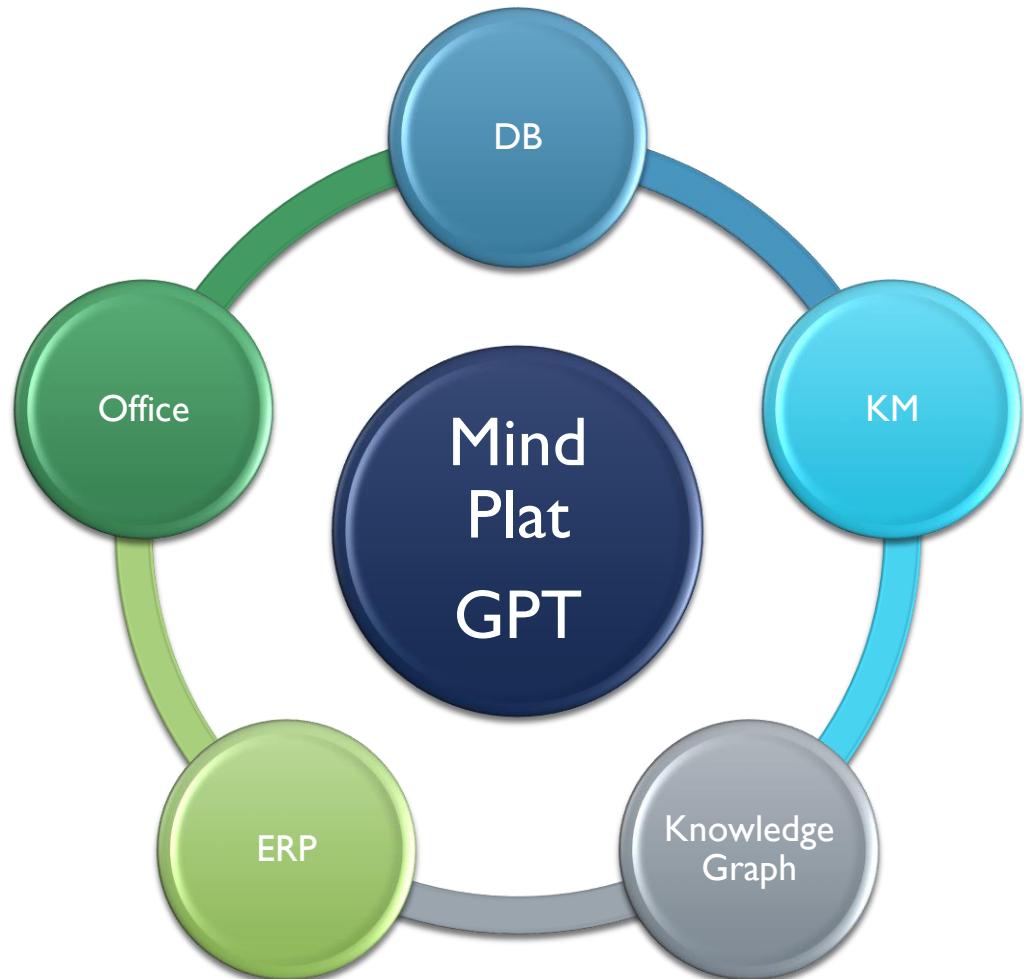
Graph Feature  
Engineering and  
Graph ML



Graph Investigation  
and Counterfactuals



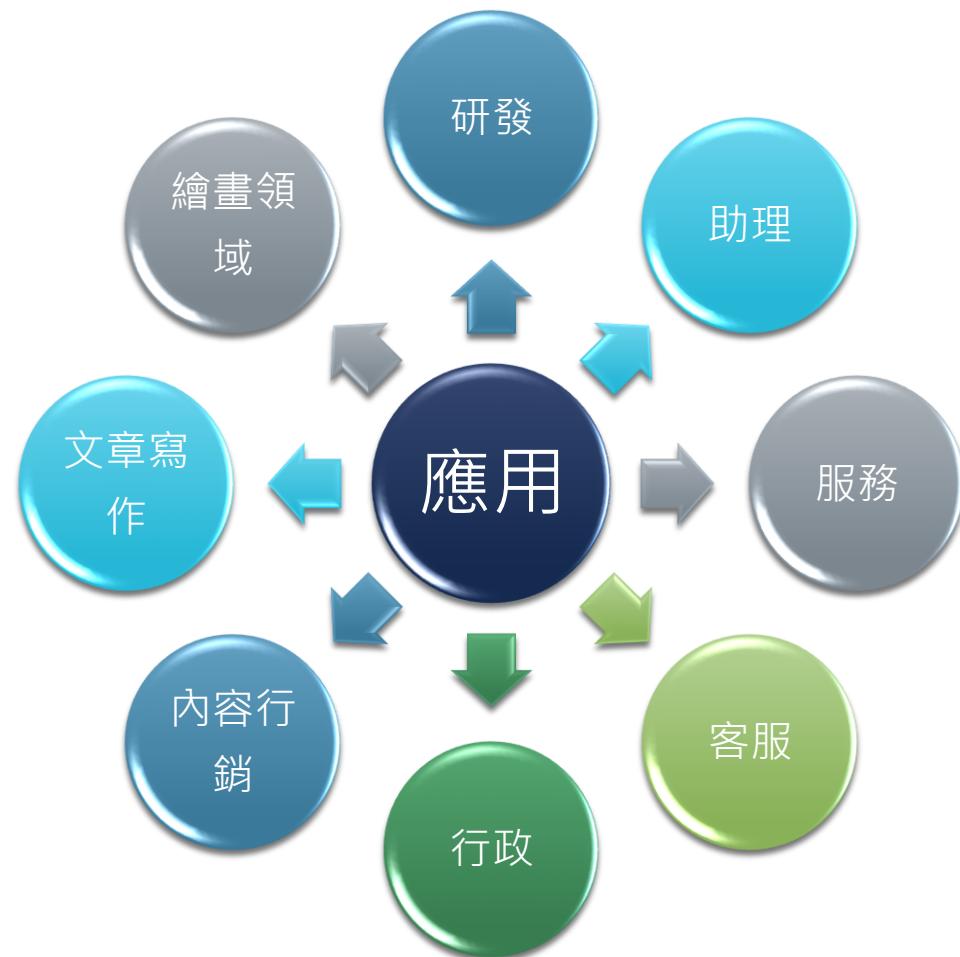
# GPT Enterprise Module





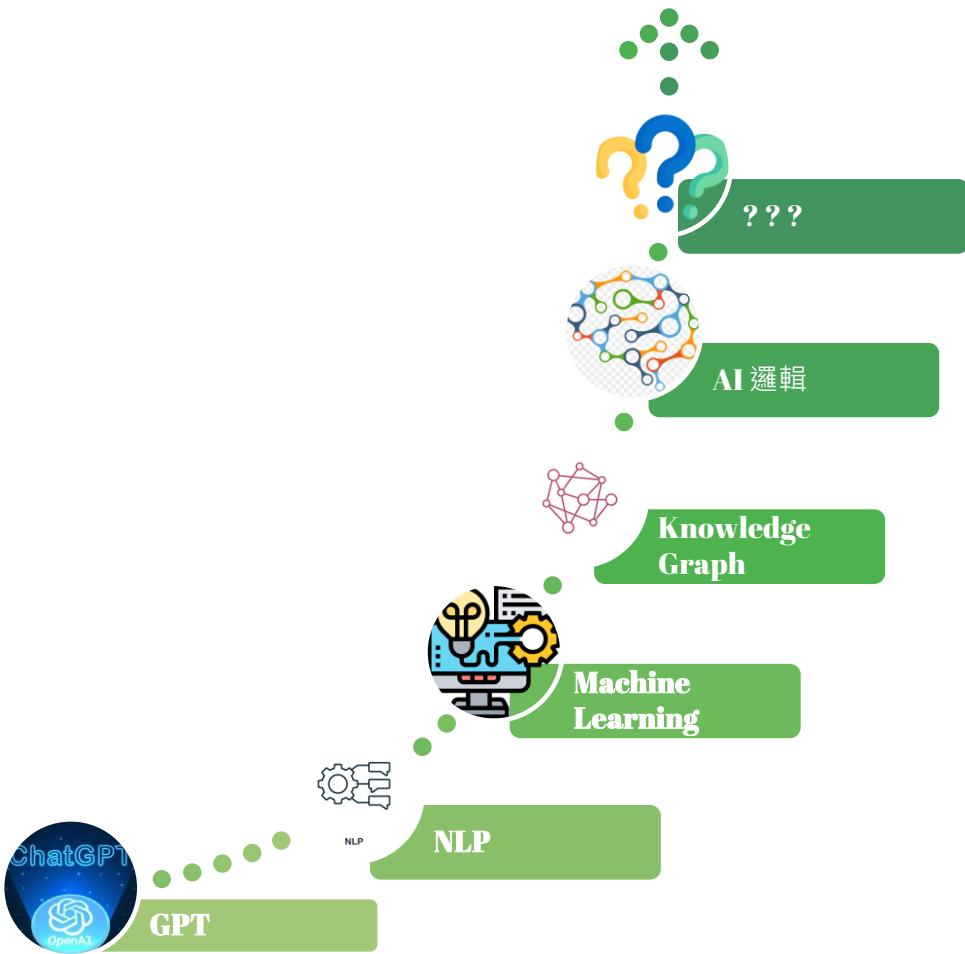
# Mind Plat GPT APPLY

- 蒐集整理資料
- 與資訊系統串接
- 摘錄重點
- 創作內容
- 優化招聘流程
- 提升時間管理效率
- 幫助創意思考
- 提供解決問題的方法
- 研究和內容策劃
- 快速準確地響應客戶查詢





# GPT Module





Mind Plat

感謝您

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