When you don't follow best practices or just need to do some cleaning

Queries to help you find what to yeet

Layouts without page layout assignments (using Tooling API in Developer Console):

```
SELECT Id, Name, EntityDefinition.MasterLabel
FROM Layout
WHERE ID NOT IN (SELECT LayoutId
□□□□ FROM ProfileLayout)
```

Permission Sets with less than 20 active assignments:

```
SELECT COUNT(id), PermissionSet.Label
FROM PermissionSetAssignment
WHERE Assignee.IsActive = TRUE AND PermissionSet.IsOwnedByProfile = FALSE
GROUP BY PermissionSet.Label
HAVING COUNT(Id) < 20
ORDER BY COUNT(Id) DESC
```

Profiles with less than 5 active assignments:

```
SELECT COUNT(id), PermissionSet.Profile.Name
FROM PermissionSetAssignment
WHERE Assignee.IsActive = TRUE AND PermissionSet.IsOwnedByProfile = TRUE
GROUP BY PermissionSet.Profile.Name
HAVING COUNT(Id) < 5
ORDER BY COUNT(Id) DESC
```

List Views that haven't been viewed in 90 days:

```
SELECT Id, DeveloperName,Name,SobjectType,LastReferencedDate
FROM ListView
WHERE LastReferencedDate < LAST_N_DAYS:90
```

Email Templates that haven't been used in 90 days or haven't ever been used:

```
SELECT Id,Name, Folder.Name,LastUsedDate,TimesUsed
FROM EmailTemplate
WHERE LastUsedDate < LAST_N_DAYS:90 OR TimesUsed = null
```

Reports that haven't been run in 90 days or haven't ever been used:

```
SELECT Id, Name, FolderName, LastViewedDate, LastReferencedDate
FROM Report
WHERE (LastViewedDate < LAST_N_DAYS:90 AND LastReferencedDate < LAST_N_DAYS:90) OR
  (LastViewedDate = null AND LastReferencedDate = null)
```

Dashboards that haven't been run in 90 days or haven't ever been viewed:

```
SELECT Id, Title, FolderName, LastViewedDate, LastReferencedDate
FROM Dashboard
WHERE (LastViewedDate < LAST_N_DAYS:90 AND LastReferencedDate < LAST_N_DAYS:90) OR
  (LastViewedDate = null AND LastReferencedDate = null)
```

Roles / Queues without assignments:

```
SELECT Name, Type, DeveloperName, RelatedId
FROM GROUP
WHERE Id NOT IN (SELECT GroupId FROM GroupMember) AND
  Type IN ('Role','Queue')
```

Scontrols (if you have these, you really need to look at org health):

```
SELECT Id, DeveloperName
FROM Scontrol
```

Queries for things that you need to update

Apex Classes not in the most recent 3 versions (update API version each release):

```
SELECT Name, APIVersion
FROM ApexClass
WHERE APIVersion <= 50.0 AND NamespacePrefix = null
```

Visualforce pages not in the most recent 3 versions (you may also want to look at making these LWC's):

```
SELECT Name, APIVersion
FROM ApexPage
WHERE APIVersion <= 50.0 AND NamespacePrefix = null
```

Aura Components not in the most recent 3 versions (you may also want to look at making these LWC's):

```
SELECT DeveloperName, ApiVersion
FROM AuraDefinitionBundle
WHERE APIVersion <= 50.0 AND NamespacePrefix = null
```

> Locker was introduced with API version 39.0. Regression test if upgrading API version.

Lightning Web Components not in the most recent 3 versions (use tooling API):

```
SELECT DeveloperName, ApiVersion
FROM LightningComponentBundle
WHERE APIVersion <= 50.0 AND NamespacePrefix = null
```

Flows not in the most recent 3 versions (use tooling API):

```
SELECT MasterLabel, ApiVersion
FROM Flow
WHERE APIVersion <= 50.0 AND Definition.NamespacePrefix = null
```

Permissions Best Practices

Review users who have Customize Application, Modify All Data and View All Data

Unique Counts of Users

Customize Application

```
SELECT COUNT_DISTINCT(AssigneeId)
FROM PermissionSetAssignment
WHERE Assignee.IsActive = true AND PermissionSet.PermissionsCustomizeApplication = true
```

Modify All Data

```
SELECT COUNT_DISTINCT(AssigneeId)
FROM PermissionSetAssignment
WHERE Assignee.IsActive = true AND PermissionSet.PermissionsModifyAllData = true
```

View All Data

```
SELECT COUNT_DISTINCT(AssigneeId)
FROM PermissionSetAssignment
WHERE Assignee.IsActive = true AND PermissionSet.PermissionsViewAllData = true
```

Review Users and the permission sets or profiles that grant them access

Customize Application

```
SELECT PermissionSet.Label, PermissionSet.Profile.Name, Assignee.Name
FROM PermissionSetAssignment
WHERE Assignee.IsActive = true AND PermissionSet.PermissionsCustomizeApplication = true
```

Modify All Data

```
SELECT PermissionSet.Label, PermissionSet.Profile.Name, Assignee.Name
FROM PermissionSetAssignment
WHERE Assignee.IsActive = true AND PermissionSet.PermissionsModifyAllData = true
```

View All Data

```
SELECT PermissionSet.Label, PermissionSet.Profile.Name, Assignee.Name
FROM PermissionSetAssignment
WHERE Assignee.IsActive = true AND PermissionSet.PermissionsViewAllData = true
```

> Also, in case you haven't run it recently, runthe optimizer report! It'll help you identify areas for improvement beyond the above.

> If you have premier or signature support, you may also want to look into the org health assessment accelerator.

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