Employee Database:

Sub CreateEmployeeDatabase()

Dim ws As Worksheet

Set ws = ThisWorkbook.Worksheets.Add

ws.Name = "Employee Database"

'reate headers

ws.Cells(1, 1).Value = "Employee ID"

ws.Cells(1, 2).Value = "Name"

ws.Cells(1, 3).Value = "Department"

ws.Cells(1, 4).Value = "Contact Information"

'dd sample data

ws.Cells(2, 1).Value = "E001"

ws.Cells(2, 2).Value = "John Doe"

ws.Cells(2, 3).Value = "HR"

ws.Cells(2, 4).Value = "johndoe@example.com"

ws.Cells(3, 1).Value = "E002"

ws.Cells(3, 2).Value = "Jane Smith"

ws.Cells(3, 3).Value = "Marketing"

ws.Cells(3, 4).Value = "janesmith@example.com"

End Sub

Attendance Recording:

Sub CreateAttendanceSheet()

Dim ws As Worksheet

Set ws = ThisWorkbook.Worksheets.Add

ws.Name = "Attendance"

'reate headers

ws.Cells(1, 1).Value = "Date"

ws.Cells(1, 2).Value = "Employee ID"

ws.Cells(1, 3).Value = "Check-in Time"

ws.Cells(1, 4).Value = "Check-out Time"

ws.Cells(1, 5).Value = "Total Hours"

ws.Cells(1, 6).Value = "Overtime Hours"

'dd formulas for total hours and overtime hours

ws.Cells(2, 5).Formula = "=IF(C2<>"""",C2-B2,"""")"

ws.Cells(2, 6).Formula = "=IF(E2>8,E2-8,0)"

End Sub

Leave Management:

Sub CreateLeaveManagementSheet()

Dim ws As Worksheet

Set ws = ThisWorkbook.Worksheets.Add

ws.Name = "Leave Management"

'reate headers

ws.Cells(1, 1).Value = "Employee ID"

ws.Cells(1, 2).Value = "Leave Type"

ws.Cells(1, 3).Value = "Leave Date"

ws.Cells(1, 4).Value = "Leave Balance"

'dd sample data

ws.Cells(2, 1).Value = "E001"

ws.Cells(2, 2).Value = "Sick Leave"

ws.Cells(2, 3).Value = "2023-02-15"

ws.Cells(2, 4).Value = 5

ws.Cells(3, 1).Value = "E002"

ws.Cells(3, 2).Value = "Vacation Leave"

ws.Cells(3, 3).Value = "2023-03-20"

ws.Cells(3, 4).Value = 10

End Sub

Holiday Calender:

Sub CreateHolidayCalendarSheet()

Dim ws As Worksheet

Set ws = ThisWorkbook.Worksheets.Add

ws.Name = "Holiday Calendar"

'reate headers

ws.Cells(1, 1).Value = "Date"

ws.Cells(1, 2).Value = "Holiday Name"

'dd sample data

ws.Cells(2, 1).Value = "2023-01-01"

ws.Cells(2, 2).Value = "New Year's Day"

ws.Cells(3, 1).Value = "2023-04-07"

ws.Cells(3, 2).Value = "Good Friday"

End Sub

Reports:

Sub GenerateDailyAttendanceReport()

Dim ws As Worksheet

Set ws = ThisWorkbook.Worksheets.Add

ws.Name = "Daily Attendance Report"

'reate headers

ws.Cells(1, 1).Value = "Date"

ws.Cells(1, 2).Value = "Employee ID"

ws.Cells(1, 3).Value = "Total Hours"

ws.Cells(1, 4).Value = "Overtime Hours"

'se pivot tables to generate report

Dim pt As PivotTable

Set pt = ws.PivotTables.Add(PivotCache:=ThisWorkbook.PivotCaches.Create(SourceType:=xlDatabase, SourceData:= \_

"Attendance!A1:F" & ThisWorkbook.Worksheets