

NYC Payroll Data Warehouse Integration Requirement

Entities and Attributes:

1. **DimEmployee**

- o EmployeeID (PK)
- o LastName
- o FirstName
- o EmployeeName

2. **DimJobTitle**

- o TitleCode (PK)
- o TitleDescription

3. **DimAgency**

- o AgencyID (PK)
- o AgencyName
- o AgencyCode
- o AgencyStartDate

1. **DimAgencyStartDate**

- o FiscalYearID (PK)
- o Day
- o Month
- o Year

4. **DimFiscalYear**

- o FiscalYearID (PK)
- o FiscalYear
- o StartDate
- o EndDate
- o YearLabel

5. **FactPayroll**

- o PayrollNumber (PK)
- o FiscalYearID (FK)
- o EmployeeID (FK)
- o TitleCode (FK)
- o AgencyID (FK)
- o WorkLocationBorough
- o LeaveStatusasofJune30
- o BaseSalary
- o PayBasis
- o RegularHours
- o RegularGrossPaid
- o OTHours
- o TotalOTPaid
- o TotalOtherPay

Relationships:

- **DimEmployee** to **FactPayroll**: One-to-Many (EmployeeID)
- **DimJobTitle** to **FactPayroll**: One-to-Many (TitleCode)
- **DimAgency** to **FactPayroll**: One-to-Many (AgencyID)
- **DimFiscalYear** to **FactPayroll**: One-to-Many (FiscalYearID)
- **DimAgency** to **DimAgencyStartDate**: One-to-Many (AgencyID)

PAYROLL DATA INTEGRATION MODEL

