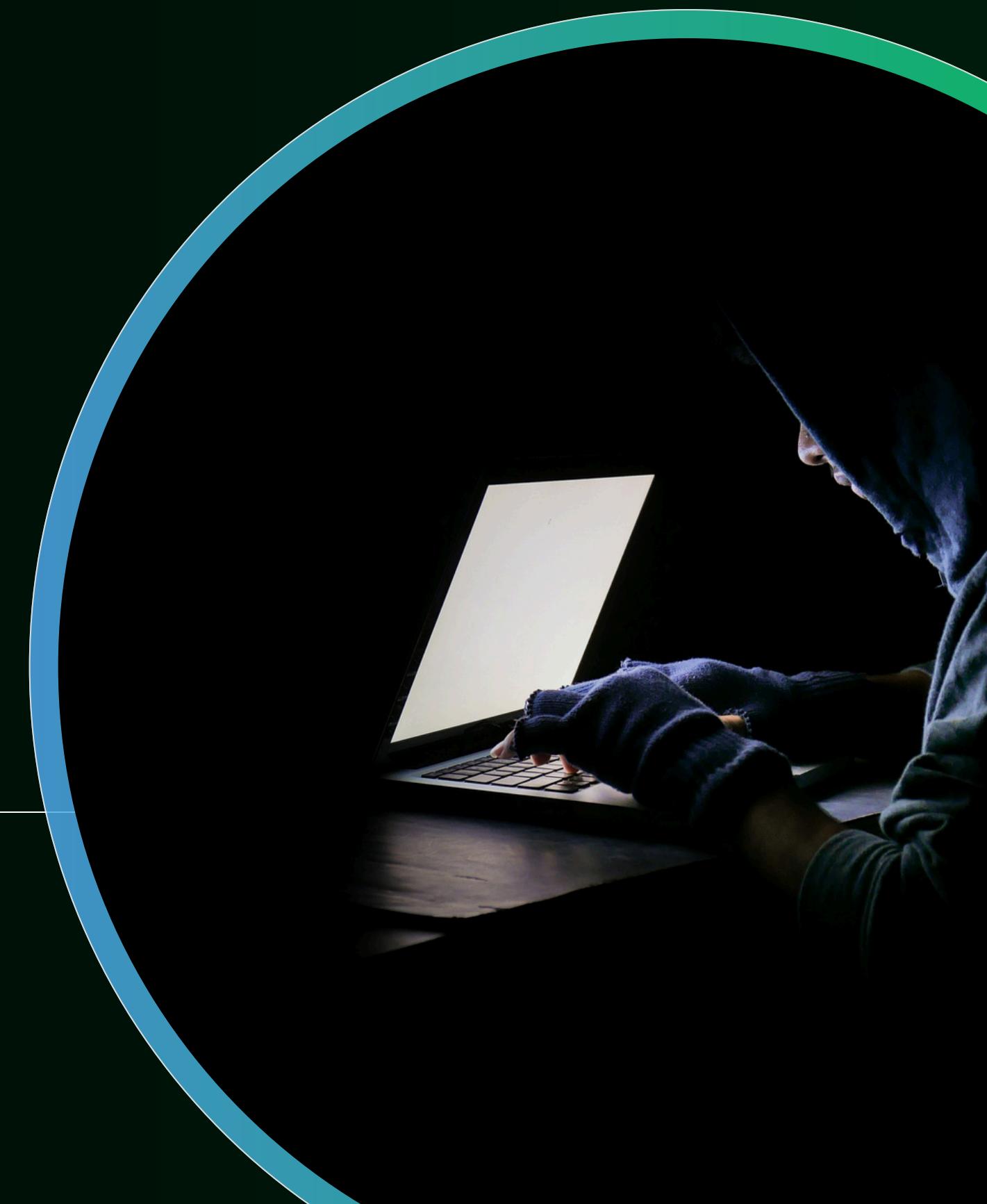




DATA ENGINEERING

CAPSTONE PROJECT PRESENTATION

PRESENTED BY ONUOHA IKECHUKWU JUNIOR

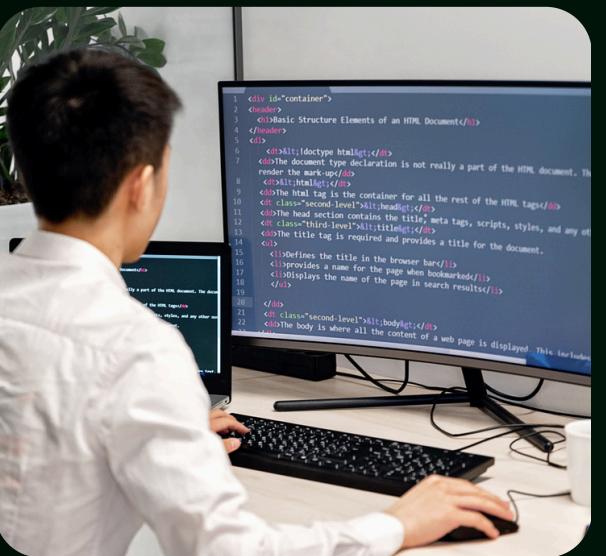




Project Introduction

The City of New York is embarking on a project to integrate payroll data across all its agencies. The City of New York would like to develop a Data Analytics platform to accomplish two primary objectives:

- Financial Resource Allocation Analysis: Analyze how the City's financial resources are allocated and how much of the City's budget is being devoted to overtime.
- Transparency and Public Accessibility: Make the data available to the interested public to show how the City's budget is being spent on salary and overtime pay for all municipal employees.





OBJECTIVE OF PROJECT

- Design a Data Warehouse for NYC
- Develop a scalable and automated ETL Pipeline to load the payroll data NYC data warehouse
- Develop aggregate table(s) in the Data warehouse for easy analysis of the key business questions
- Ensure quality and consistency of data in your pipeline
- Create a public user with limited privileges to enable public access to the NYC Data warehouse



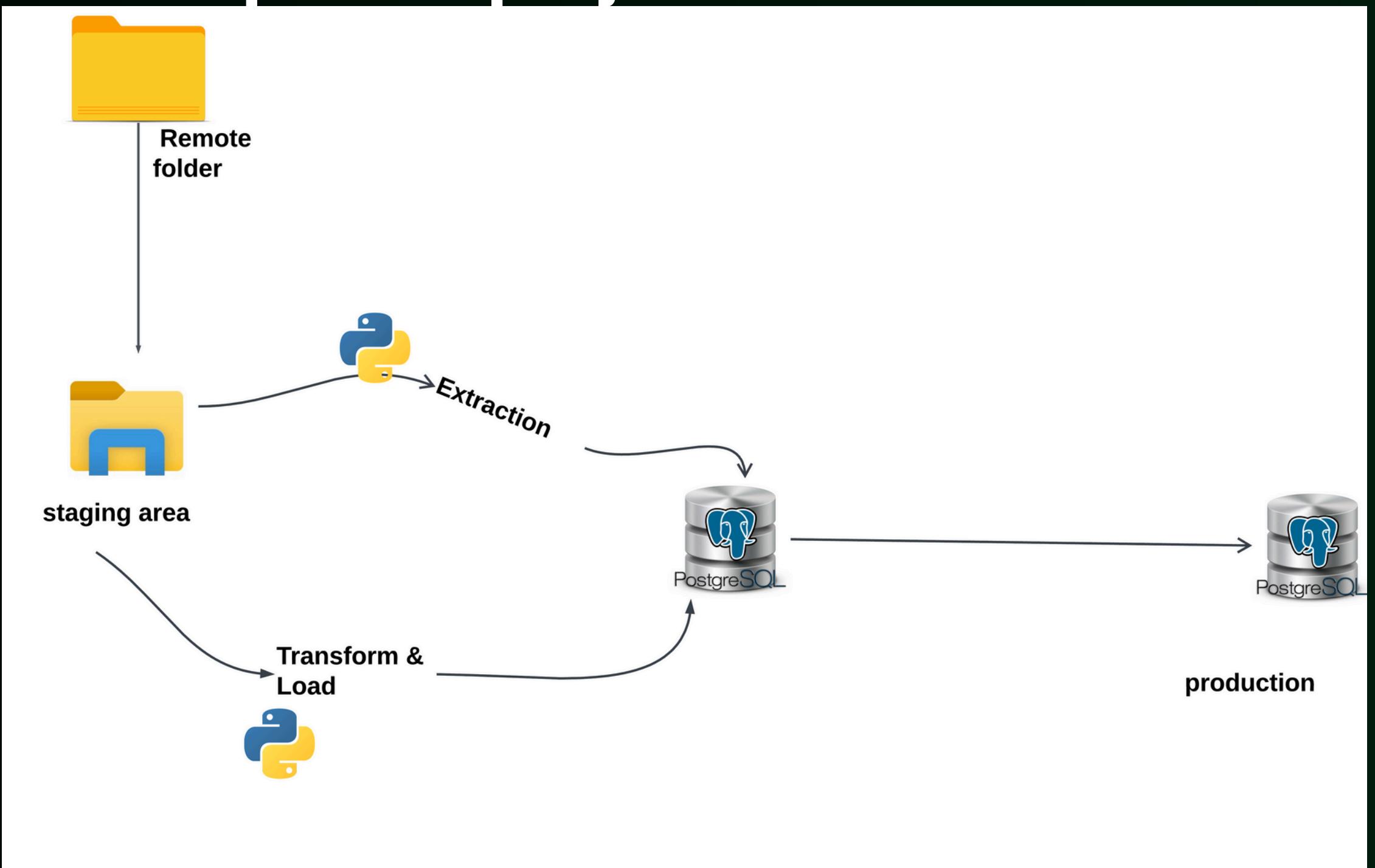
Onuoha Ikechukwu



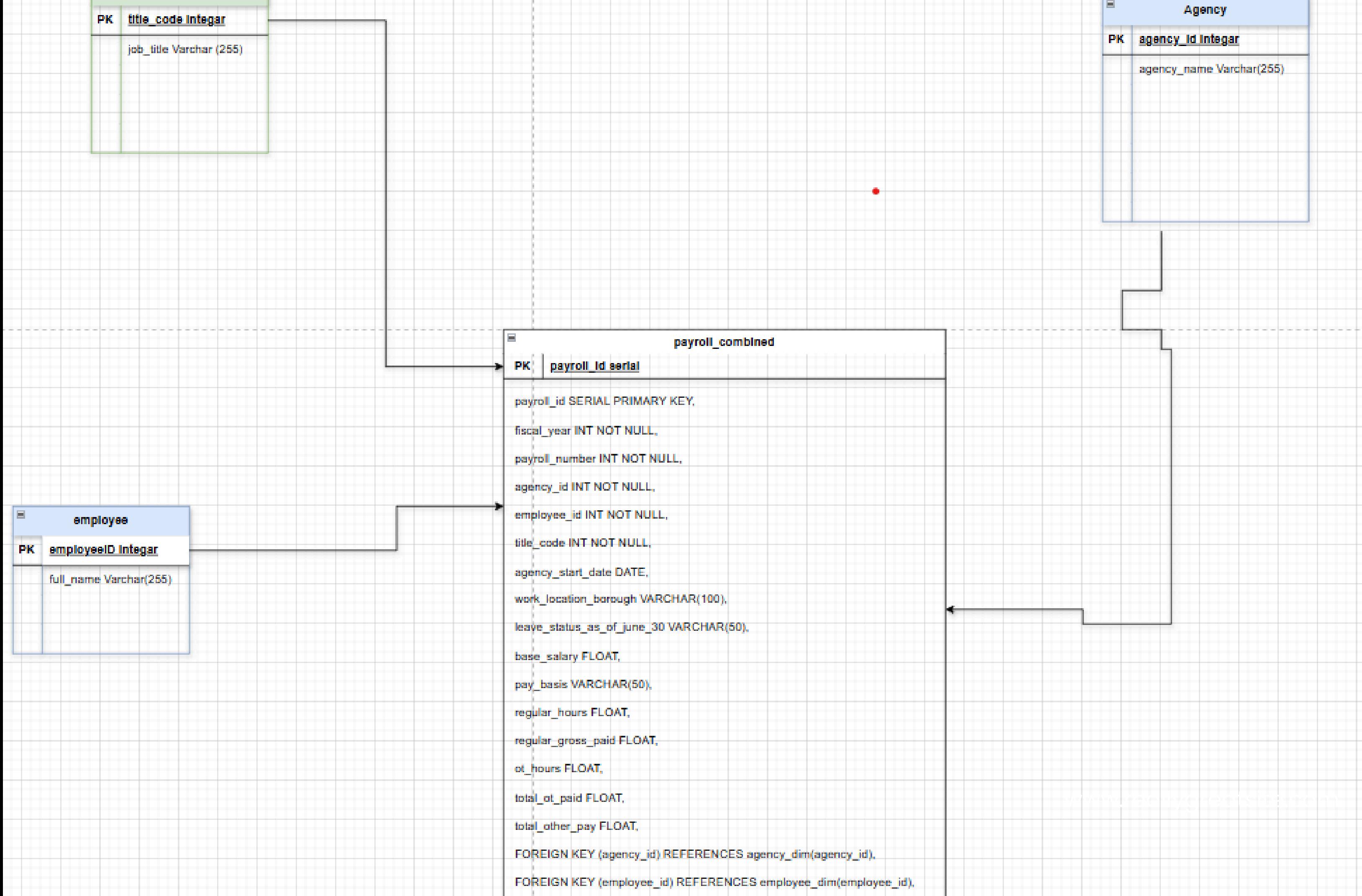
```
if ($lt !== false) {  
    $listArray = array();  
    $row = mysqli_fetch_assoc($result);  
    $correctAnswer = $row['Correct'];  
    $distArray['A'] = $row['Anum'];  
    $distArray['B'] = $row['Bnum'];  
    $distArray['C'] = $row['Cnum'];  
    $distArray['D'] = $row['Dnum'];  
    $distArray['Correct'] = $correctAnswer;  
    $distArray['Answer'] = rtrim($row[$correctAnswer], ".");  
    $distArray['Query'] = "SELECT * FROM TechTerms WHERE Date='date'";  
    return $distArray;  
} else {  
    $distArray['Error'] = 'Quiz load query failed';  
    return $distArray;  
}
```



Capstone project Architecture



ERD



GITHUB

**IONUOHA/
Capstone-Project**

NYC PAYROLL DATA INTEGRATION

1 Contributor 0 Issues 0 Stars 0 Forks

**IONUOHA/Capstone-Project: NYC PAYROLL DATA
INTEGRATION**

NYC PAYROLL DATA INTEGRATION. Contribute to IONUOHA/Capstone-Project development by creating an account on GitHub.

 GitHub



Thank You

FOR YOUR ATTENTION