



- [Big Data Analysis with IBM Cloud Databases](#)

### Phase 3: Development Part 1

In this part you will begin building your project.

Start building the big data analysis solution using IBM Cloud Databases.

Create an IBM Cloud account, choose the appropriate database service (e.g., Db2, MongoDB), and set up a database instance.

Develop queries or scripts to explore and analyze the selected dataset.

Perform basic data cleaning and transformation as needed.

### Assignment Notebook Submission

File Naming Convention: **CAD\_Phase3**

After completion upload your file to your private GitHub account. Please give access to the **faculty evaluator**[ [facultyevaluator@gmail.com](mailto:facultyevaluator@gmail.com) ], **industry evaluator** [ [IndustryEvaluator@skillup.online](mailto:IndustryEvaluator@skillup.online) ], and

Kindly add the **respective email IDs of the evaluators of your college** as collaborators in your GitHub accounts so that they can access your GitHub link and evaluate your project from your private GitHub repository for the evaluation process.

### Phase 4: Development Part 2

In this part you will continue building your project.

- Continue building the big data analysis solution by applying advanced analysis techniques and visualizing the results.
- Apply more complex analysis techniques, such as machine learning algorithms, time series analysis, or sentiment analysis, depending on the dataset and objectives.
- Create visualizations to showcase the analysis results. Use tools like Matplotlib, Plotly, or IBM Watson Studio for creating graphs and charts.