Great — I’ve reviewed your full PowerPoint template (IBM SkillsBuild DataScience Capstone - Final Presentation.pptx) and cross-referenced it with your project notebooks and app.

Here’s a **customized slide-by-slide outline** that maps your analysis to your actual deck structure:

**🔹 Executive Summary Section**

1. **Executive Summary Slide**
   * Summary of goals: Predict Falcon 9 first stage landing success
   * Key finding: Cost savings from reusable launches
   * Tools used: Python, Dash, Folium, SQL, Machine Learning

**🔹 Introduction Section**

1. **Project Background**
   * Cost comparison: SpaceX ($62M) vs. others ($165M+)
   * Reusability = savings → Predictive model relevance
2. **Problem Statement**
   * Binary classification: Will the first stage land successfully?

**🔹 Methodology Section**

1. **Methodology Overview**
   * Data collection, wrangling, EDA, interactive visual analytics, ML
2. **Data Collection Process Overview**
   * SpaceX API, Wikipedia scraping
   * Flowchart: API + Scraping
3. **Data Collection – SpaceX API**
   * Sample REST call + cleaned JSON
   * Add GitHub link to API notebook
4. **Data Collection – Web Scraping**
   * Process flow for extracting Wikipedia table
   * Add GitHub link to scraping notebook
5. **Data Wrangling**
   * Dropping nulls, filtering, merging
   * Add GitHub link to wrangling notebook
6. **EDA with Data Visualization**
   * Payload vs. success, launch site success rate
   * Add GitHub link to EDA notebook
7. **EDA with SQL**

* Bullet points of queries (e.g., total payloads, success counts)
* Add GitHub link to SQL notebook

1. **Folium Map – Global Launch Sites**

* Map with markers for each site
* Screenshot + explanation

1. **Folium Map – Launch Outcomes by Color**

* Success/failure coded markers
* Screenshot + insights

1. **Folium Map – Site Proximity Analysis**

* Selected site vs. coastlines, highways, etc.
* Screenshot + distances

1. **Plotly Dash – Dashboard Overview**

* Dropdown, pie chart, scatter plot
* Add GitHub link to app

1. **Plotly Dash Screenshot – Launch Success Pie Chart**

* All sites success distribution
* Screenshot + interpretation

1. **Plotly Dash Screenshot – Highest Success Site**

* Pie chart filtered by site
* Screenshot + conclusion

1. **Plotly Dash Screenshot – Payload vs. Outcome**

* Range slider + scatter interaction
* Findings on payload range success

1. **Predictive Analysis (Classification)**

* Pipeline: preprocess → model → tune → evaluate
* Models: Logistic Regression, SVM, Decision Tree, Random Forest
* Add GitHub link to ML notebook

**🔹 Results Section**

19–33. **SQL-Based Visual Analytics Results**  
(Each as its own slide, with query + short explanation)

* Flight Number vs. Launch Site (scatter)
* Payload vs. Launch Site (scatter)
* Success Rate vs. Orbit Type (bar)
* Flight Number vs. Orbit Type (scatter)
* Payload vs. Orbit Type (scatter)
* Launch Success Yearly Trend (line chart)
* Launch site name queries (e.g., starts with ‘CCA’)
* Payload totals and averages (NASA, F9 v1.1)
* First successful landing (date)
* Successful drone ship landings (payload 4k–6k)
* Total successful vs. failed missions
* Booster with max payload
* Failed drone landings in 2015
* Ranked landing outcomes (2010–2017)

**🔹 Modeling Results Section**

1. **Model Accuracy Comparison**

* Bar chart: Accuracy of each classifier

1. **Best Model: Confusion Matrix**

* Confusion matrix with interpretation

**🔹 Conclusion Section**

1. **Conclusions**

* SpaceX has high success predictability
* Reusability = cost savings
* Modeling offers actionable insights

**🔹 Appendix Section**

37–47. **Appendix**

* Code snippets, SQL queries, model outputs
* Folium/Dash screenshots
* Anything extra worth highlighting for peer review

Would you like me to start populating this outline into your PowerPoint file with headers, placeholder content, and slide titles? I can generate a ready-to-edit .pptx for you.