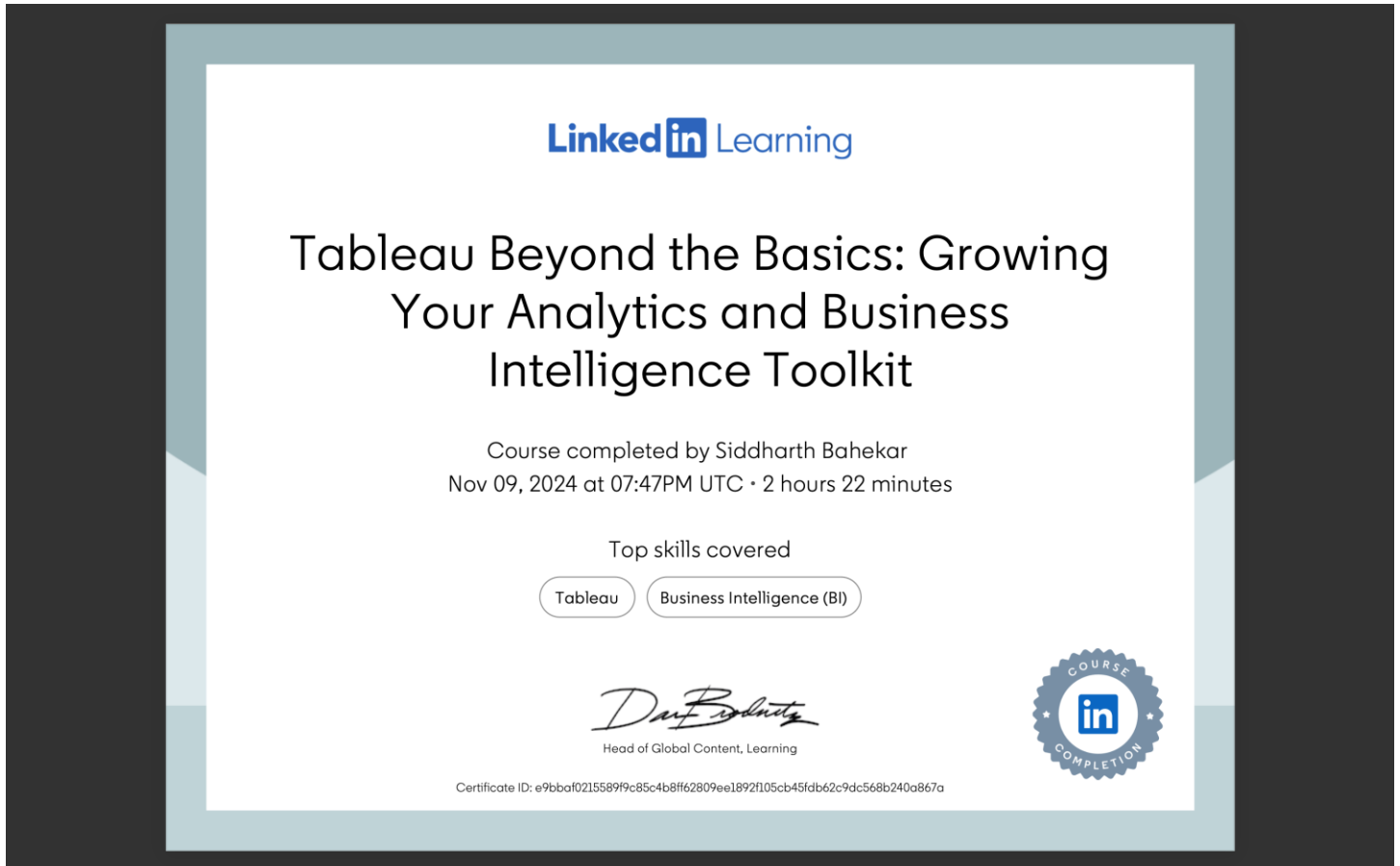# Week 9 – LinkedIn Certifications – Siddharth Bahekar – 002417718

Certification 1 - Tableau Beyond the Basics: Growing Your Analytics and Business Intelligence Toolkit

Through this certification, I significantly expanded my analytics toolkit in Tableau, gaining advanced skills that have enhanced my data analysis and visualization capabilities. I learned to create more complex visualizations and leverage Tableau's advanced features to develop more impactful and insightful dashboards. This knowledge has allowed me to approach data storytelling with greater sophistication and effectiveness.

One of the key areas I mastered was benchmarking with distributions and overlays. I now possess the skills to create visual comparisons between different data sets and metrics, utilizing statistical distributions to contextualize data points. This has proven invaluable in identifying trends, outliers, and performance metrics relative to industry standards or historical data, greatly enhancing my comparative analysis abilities.

The certification also equipped me with advanced skills in customized calculation and formatting to enhance visualizations. I can now create complex calculated fields, including table calculations and level of detail (LOD) expressions, allowing me to derive more meaningful insights from raw data. I learned advanced formatting techniques that have significantly improved the visual appeal and clarity of my dashboards.

A particularly useful aspect of the course was learning to do more with dates and parameters. I now have a strong grasp on creating custom date hierarchies, implementing advanced date calculations for time-based analysis, and using parameters to develop dynamic, interactive dashboards. These skills have allowed me to create more flexible and user-friendly visualizations that can be customized to specific analytical needs.

I substantially grew my map-making toolkit. I can now create custom territories, use spatial files for more accurate geographic representations, and implement advanced map layering techniques. This has greatly enhanced my ability to perform spatial data analysis and create sophisticated geographic visualizations, adding a valuable dimension to my data presentation skills.

Overall, this certification has significantly elevated my proficiency in Tableau, enabling me to produce more advanced, insightful, and impactful data visualizations and analyses.

Linked in Learning

Power BI Essential Training

Course completed by Siddharth Bahekar
Nov 09, 2024 at 10:08PM UTC · 3 hours 49 minutes

Top skills covered

Microsoft Power BI

Head of Global Content, Learning

Certificate ID: f5f163bd5aff7c616c184f35481e731bc7d928c73949bae5df4233adefded6ca

Power BI Essential Training: Key Learnings

Getting Started with Power BI

This introductory module provided a comprehensive overview of Power BI's capabilities and interface. It covered the fundamental concepts of business intelligence and data visualization, emphasizing Power BI's role in transforming raw data into actionable insights. The module also introduced the Power BI ecosystem, including Power BI Desktop, Power BI Service, and mobile applications, setting the foundation for subsequent topics.

Data Acquisition from Various Sources

This section focused on the diverse data import capabilities of Power BI. It elucidated the process of connecting to and importing data from multiple sources, including Excel spreadsheets, CSV files, databases, and web services. The module also covered data transformation techniques using Power Query Editor, enabling learners to clean, shape, and prepare data for analysis effectively.

Creating Reports with Diverse Visualizations

This crucial component of the certification delved into the art and science of creating compelling visualizations. It explored various chart types, including bar charts, line graphs, pie charts, and more advanced visualizations like treemaps and scatter plots. The module emphasized best practices in data representation and taught techniques for enhancing the visual appeal and interpretability of reports.

Report Modification and Printing

This practical segment focused on refining and finalizing reports. It covered techniques for modifying existing visualizations, applying themes and styles, and optimizing report layouts for different viewing contexts. Additionally, it provided guidance on preparing reports for printing, ensuring that the visual integrity and readability of the data are maintained in physical formats.

Dashboard Creation

The dashboard creation module taught the process of synthesizing key insights from multiple reports into a single, coherent view. It covered the selection of critical metrics, the arrangement of tiles for optimal information flow, and the implementation of interactive elements. The importance of designing for different screen sizes and user needs was also emphasized.

Data Sharing and Collaboration

This section explored Power BI's collaborative features, focusing on secure and efficient methods of sharing reports and dashboards. It covered topics such as publishing to Power BI Service, managing access permissions, and creating and distributing apps. The module also addressed version control and collaboration workflows within teams.

Utilizing Power BI Mobile Apps

The mobile applications segment highlighted the importance of data accessibility on-the-go. It provided an overview of Power BI's mobile apps for various platforms and demonstrated how to optimize reports and dashboards for mobile viewing. The module also covered mobile-specific features such as data alerts and annotations.

Data Modeling with Power BI Desktop

This advanced module focused on leveraging Power BI Desktop for sophisticated data modeling. It covered topics such as creating relationships between tables, defining calculated columns and measures using DAX (Data Analysis Expressions), and implementing hierarchies. The importance of optimizing data models for performance and scalability was also addressed.