Course 3 overview
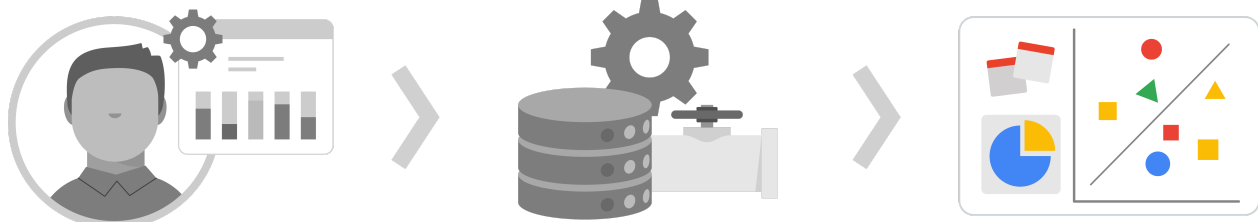

Hello, and welcome to **Decisions, Decisions: Dashboards and Reports**, the third course in the Google Business Intelligence Certificate. You've made such great progress, and you're almost ready to complete your journey!!

By the end of this course, you will be able to apply your knowledge of BI and data modeling to create dynamic dashboards that track key performance indicators to meet stakeholder needs.

Course descriptions

The Google Business Intelligence Certificate program has three courses. **Decisions, Decisions: Dashboards and Reports** is the third course.

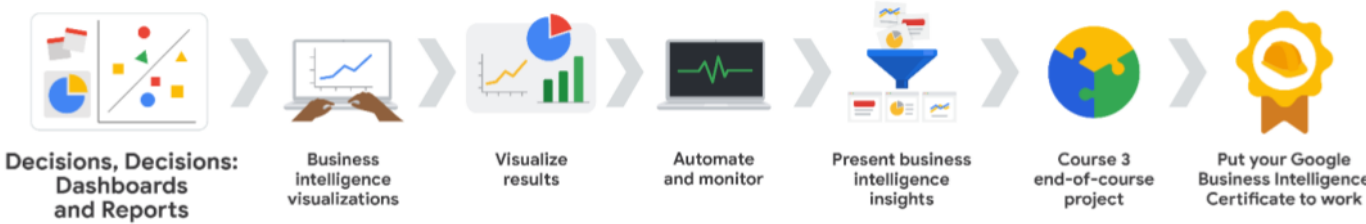| Foundations of Business Intelligence | The Path to Insights: Data Models and Pipelines | Decisions, Decisions: Dashboards and Reports |

1. **Foundations of Business Intelligence** ↗ — Discover the role of BI professionals within an organization and the career paths they typically follow. Then, explore core BI practices and tools and learn how BI professionals use them to make a positive impact on organizations.

2. **The Path to Insights: Data Models and Pipelines** ↗ — Explore data modeling and ETL (extract, load, transform) processes for extracting data from source systems, transforming it into formats that better enable analysis, and driving business processes and goals.

3. **Decisions, Decisions: Dashboards and Reports** ↗ — (*current course*) Apply your knowledge of BI and data modeling to create dynamic dashboards that track key performance indicators to meet stakeholder needs.

Course 3 content

Each course of this certificate program is broken into weeks. You can complete courses at your own pace, but the weekly breakdowns are designed to help you finish the entire Google Business Intelligence Certificate in two to four months.

What's to come? Here's a quick overview of the skills you'll learn in each week of this course.

Week 1: Business intelligence visualizations

In this section of the course, you will learn about the foundations of BI dashboards and how they differ from other data analytics dashboards. You will discover why dynamic visualizations are an excellent way to answer business questions. In addition, you will discover how a dashboard's interactivity empowers stakeholders.

Week 2: Visualize results

You will learn more about the trade-offs you will need to consider when building a BI visualization, and you'll apply your BI knowledge to create charts and visualizations. You will also explore effective ways to organize elements within a dashboard. Finally, you'll learn what other considerations you'll need to make when building a dashboard.

Week 3: Automate and monitor

You will focus on creating dashboards that can effectively monitor data for the long term. You will imagine your future role as a BI professional, meet with a client, and use the information they provide for your project. Along the way, you will build charts and organize and iterate on a dashboard.

Week 4: Present business intelligence insights

In this part of the course, you will explore stakeholder presentations and strategies for sharing dashboards with clients. Then you will concentrate on the BI hiring process and discover strategies for refining your portfolio and updating your resume. Finally, you will review interview techniques that will help you demonstrate your skills to recruiters and hiring managers.

Week 5: Course 3 end-of-course project

During your third and final end-of-course project, you will use the target table you created earlier in the program to build a BI dashboard. You will refer to the key BI documents to create a low-fidelity mockup, design charts, and organize a dashboard. Your deliverables will include the mockup and the final dashboard, which you'll present as a first draft to a stakeholder in the project scenario.

Week 6: Put your Business Intelligence Certificate to work

In this final part of the program, you will review what you have learned throughout the Google Business Intelligence Certificate and explore additional career resources to establish yourself as a BI professional.

What to expect

Each course offers many types of learning opportunities:

- **Videos** led by Google instructors teach new concepts, introduce the use of relevant tools, offer career support, and provide inspirational personal stories.

- **Readings** build on the topics discussed in the videos, introduce related concepts, share useful resources, and describe case studies.

- **Discussion prompts** explore course topics for better understanding and allow you to chat and exchange ideas with other learners in the **discussion forums** ↗.

- **Self-review activities** and **labs** give you hands-on practice in applying the skills you are learning and allow you to assess your own work by comparing it to a completed example.

- **Interactive plug-ins** encourage you to practice specific tasks and help you integrate knowledge you have gained in the course.

- **In-video quizzes** help you check your comprehension as you progress through each video.

- **Practice quizzes** allow you to check your understanding of key concepts and provide valuable feedback.

- **Graded quizzes** demonstrate your understanding of the main concepts of a course. You must score 80% or higher on each graded quiz to obtain a certificate, and you can take a graded quiz multiple times to achieve a passing score.

Tips for success