

DS 854: Project Management

Work is underway to replace the eastern span of the Bay Bridge. BART had to conduct a study to determine the feasibility and cost of extending Service to San Francisco Airport. A major oil company needed to transfer its offices from the city of San Francisco to the East Bay. A software company is developing a new software package. An accounting firm is required to perform several audit engagements.



In spite of the varying fields of application, they all have one thing in common. They all constitute **projects** that require several **activities** with specific **sequences**, **resources** and funds to complete. How to schedule the start and finish of each activity? When to order a specific resource, skill or material? When to schedule overtime? These are all difficult decisions to make, but one can usually reach efficient solutions using project management **models** and **approaches**.

After the successful completion of DS 856, you will be able to develop efficient schedules to implement real-life projects, including:

- consulting or feasibility studies
- development of software packages
- new product development
- accounts auditing
- construction of facilities and infrastructures
- marketing/promotional campaigns
- scheduling of clinical trials
- supply chain design and logistics

The course will prepare you for jobs such as:

- project manager
- project scheduler/planner
- operations analyst
- management consultant

In addition, the course material would help you prepare for the **Project Management Institute Professional (PMP®)** certification—the profession’s most globally recognized and respected certification credential. (<http://www.pmi.org/>)



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