

Data Management and Planning Reporting Skills

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PLANNING ENGINEER

Data Management and Planning Reporting Skills

Self-study online course with full support by Email & WhatsApp.

PRESENTED BY:

HANY ISMAEL, MSC, PMP

Recorded Videos	6	HRS
Practicing Hours	14	HRS
Total Duration	20	HRS

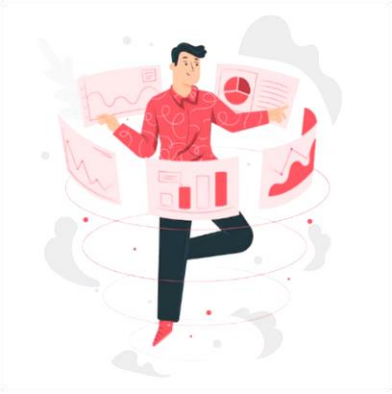
Course Overview

The Data Management and Planning Reporting Skills course is a valuable investment for planning engineers, project managers, construction managers, and site engineers seeking to acquire the necessary knowledge and skills to manage data and report on construction projects in a real-world environment.

Our course is carefully crafted with the help of study techniques and practical content, specifically designed to provide trainees with the right knowledge, content, and support needed to effectively comprehend and apply the theories they learn.

Our objective is to transform trainees into competent and agile engineers, equipped with the skills and expertise to excel in their professional careers.

We understand that project management courses can be expensive, and it is vital to ensure that the course you choose provides adequate value for your time and money. With this in mind, we have formulated our course curriculum to focus on the end benefit of our trainees, ensuring a genuine return on their investment.



Why is this course essential?

In the construction industry, a relatively small percentage of project time is devoted to planning and making modifications, typically between 15% to 20% of the total project duration. The bulk of the remaining time is allocated to vital project management activities such as monitoring, controlling, and reporting. This underscores the importance of possessing specialized data management and reporting skills, which are critical in utilizing 85% to 80% of the project time effectively.

The central focus of our planning and project management course is to impart essential skills and knowledge to engineers, enabling them to carry out efficient project reporting. Our carefully formulated mega-project case study provides a practical framework for learners to apply the theories they learn in real-world scenarios, enhancing their skills and expertise beyond book knowledge.

By enrolling in our course, you can gain a competitive edge in the industry, equipping you with the skills necessary to succeed as an engineer in the construction field. We invite you to join our program and unlock your full potential today.

Who needs this course?

Our course is designed for a diverse range of professionals in the construction industry seeking to enhance their data management and reporting skills, ultimately improving the success ratio of large-scale projects. These include:

1- **Construction managers** who aspire to improve their project management skills and enhance their ability to manage complex projects effectively.

2- **Engineers** looking to hone their project reporting and management skills to ensure the success of their planning projects.

3-**Engineers** who wish to transition into planning engineering roles and require the necessary skills and expertise to do so.

4- **Builders and construction companies** looking to take on large-scale or government project management plans.

5- **Fresh graduates** looking to establish themselves in the field of project planning and management.

6- **Site supervisors** seeking to enhance their on-field project management and resource allocation skills.

7- **Company directors** interested in improving project efficiency and success rates.

Our course caters to the needs of individuals at all stages of their careers, providing them with the tools and knowledge necessary to excel in the dynamic field of construction project management.

Course Instructor

Our course offers a comprehensive curriculum, developed in collaboration with an **experienced planning and control manager with 20 years** of firsthand experience managing high-end, mega-scale projects. Additionally, our course instructor holds a **master's degree in construction project and infrastructure management from the esteemed Liverpool University** in the United Kingdom.

The study material for our course is carefully crafted to provide planning engineers with valuable insights and techniques to enhance their planning skills. Our goal is to equip our trainees with the knowledge and expertise needed to excel in their careers as efficient and successful planning engineers.

Course Content

A- Project Management Plan

The scope of the course will not be limited to study material only, but will also extend to hypothetical applications of planning and reporting techniques. This will be achieved through a project management development plan that will be conducted during the course. The project will aim to enhance the project reporting capabilities and capacities of engineers and will comprise 164 buildings, 170 villas, external works, infrastructure works, and landscape works, with a total value of over 600 million U.S. dollars. The development of this technique as a part of the course curriculum is intended to help engineers refine various skills related to construction reporting and project management, including:

1. Time Management (detailed construction time reporting)

2. Resource Utilization (develop cost and resource reports)

3. Labor Management (monitor the productivity planned vs actual spent Hrs.)

4. Procurement (develop materials tracking and monitor the progress)

5. Shop drawings (develop shop drawings tracking and monitor the progress)

6. Progress reporting (different reports for different project team members)

The course scope is not limited to the reports available in the course lessons. The course support will extend creativity to develop new reports and dashboards based on the learners' ideas and requirements. The primary objective of the course is to help planning and site engineers/managers enhance their planning and management skills with respect to reporting projects. The course will focus on smart techniques and tools to perform regular tasks faster and more accurately.

B- Course duration and study method

The duration of the recorded videos is 6 hours, with an additional 14 hours for practice. As we receive feedback and requests for new reports/dashboards, we'll add new lessons to the course. The course is self-paced, which means that all content is accessible on the portal from day 1.

Trainees can choose what, how, when, and how much they wish to study. Upon registering for the course, trainees will have unrestricted access to the content. The content can be viewed at any time and used again as needed.

"Access to the course curriculum will be made available instantly, once the course registration fee has been paid."

C- What will you get from this course?

1- Learn the importance of data management in project management.

2- Understand the differences between an Excel sheet and an Excel database.

3- Learn how to convert an Excel sheet to an Excel database.

4- Receive special Excel sheets and macros that will help you distribute project values, man-hours, and quantities by week and month using dates from Primavera.

5- Learn how to create an effective database for your project.

6- Discover how to link different tables with relationships.

7- Learn how to troubleshoot Excel relationship issues.

8- Learn how to create powerful dashboards that display planned and actual values based on EVM (Money) and man-hours.

9- Discover how to create detailed reports that show planned value, earned value, planned percentage, actual percentage, planned quantity, and executed quantity by updating the database with the actual percentage completed.

10- Learn how to identify activities that have spent more working hours than your budget, how many hours your project has lost, and how many hours you have saved.

11- Create a project cash flow based on any level of your Work Breakdown Structure (WBS).

12- Create reports for man-hours required per month/week and per any WBS category, such as stage, zone, area, etc.

13- Learn how to create a report showing the project planned quantity per week/month and per division of work, bill of quantity (BOQ) item, BOQ unit, specific time frame, etc.

14- Benefit from continuous improvement as we keep developing new reports based on your ideas and the discussions.

15- Access the support Email & WhatsApp to get answers to your queries and find solutions to various report/dashboard ideas.

D- Certificate of Completion

Completing this course and receiving the certificate of attendance can enhance your professional reputation and provide a competitive advantage in the job market. The certificate serves as tangible evidence of your newly acquired knowledge and skills, and can demonstrate to potential employers or clients your commitment to professional development.

In addition, having completed this course and earned the certificate can open up new opportunities for career advancement or career change. It can also serve as a foundation for pursuing more advanced courses or certifications in the field of project management and data analysis.

Our Promise

At our organization, we are committed to providing our trainees with more than just theoretical knowledge of project management. We are dedicated to helping our trainees improve their skills and abilities in the field. We understand the desire for growth and development, which is why we strive to provide course content that meets everyone's expectations.

Our promise to our trainees is to not only deliver conventional knowledge on project reporting and data management but also practical techniques that can be applied in real-world situations. We are dedicated to ensuring our trainees' complete satisfaction with our courses.

However, in the unlikely event that you are not satisfied with the course and its material, we offer a full refund.



Course Reviews

Raj Kumar Singh ★★★★★

Life became easy after enrolling in this course. Blessing for planning engineers.

Absolutely amazing course. I am totally speechless ,must tell you that this course is not about any tool or software, it's all about planning , here you will acquire the real planning knowledge, beauty of this course is that, while doing any steps in excel instructor very nicely explain why we need to do this step in this particular way and why other method fail to give correct result. They do every steps from scratch that too with real large scale project data. You will learn a complete 360 analysis of project data for making any kind of report that too in smart way, fully dynamic & automated, macro, data connection and many more. Finally thank you to hany sir for making such an amazing course, you saved tons of my time and made the life easy being a planning engineer.

Abdul Qadir ★★★★★

simply i would say it was a brilliant course

Thank you so much for providing us such an amazing course. The beauty of these is that the instructor teach you tool and technique along with real world project,i would recommend this course to anyone who want to start career as a planning engineer

Muhammad Yousof ★★★★★

Data Management and Reporting

Thank You, Mr. Hany Ismael, for this course. I learned many new features of Microsoft Excel about reporting which help me a lot. I Highly recommend this course for Planning Engineers.

Arch_wbr ★★★★★

Excellent

Excellent structured course, clear and easy to understand, professional presentation. Helpful guidance for all planning engineers. Highly recommend this course. Thanks a lot, Engr. Hany

Bassem Shawky Metwally ★★★★★

Bassem Shawky

Excellent Course with Great Content , Working Smart not Hard, I Recommend it to any Projects Control / Planners to Take it , Thanks Eng. Hany for this Great COURSE

AhmedAly ★★★★★

Reporting skills

Can't describe how important this course is! Huge amount of valuable information which is so useful while doing any kind of reports. Really, I want to thank you.

Cam ★★★★★

Very nice course

I learned too much about different features of Microsoft Excel as well as reporting concepts that will really help me within my future projects. Thank you Hany Ismail.

Share Your Progress in our Community!

Omar Mohamed Saad, IPMA • 1st
Planning Engineer at SKY CTS
1mo •

Amazing work shop it's recommended to enhance Reporting skills thanks to Hany Ismael, MSc, PMP



Arslan Zafar • 2nd
Planning & Contracts Engineer | Mechanical Engineer | GIKI | Petrocon PVT. LTD ...
52m •

Many Thanks to Hany Ismael, MSc, PMP, Planning Engineer Est. for the wonderful content and advanced techniques of Excel. #datamanagement



Muhammad Yousuf • 1st
Planning Engineer
10mo •

Thank You Hany Ismael, MSc, PMP, Planning Engineer Est. for this course. I learned many new features of Microsoft Excel about reporting which help me a lot. I Highly recommend this course for Planning Engineers. ...see more



Data Management and Planning Reporting Skills

Course Contents



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Reporting 1.1-What you will learn?

Reporting 1.2-What Are Construction Project Data

Reporting 1.3-Why we Need to Manage Project Data

Reporting 1.4-Excel Database Concept to Store Data

PREPARING PROJECT DATABASE

Reporting 2.1-Good and Bad Database

Reporting 2.2-Understand Case Study Project Data

Reporting 2.3-Convert Columns To Rows part 1

Reporting 2.3-Convert Columns To Rows part 2

Reporting 2.4-Develop Project Database

Reporting 2.5-Test Project Database

REPORTS

Reporting 3.1-Report 1 part 1

Reporting 3.1-Report 1 part 2

Reporting 3.2-Report No. 2

Reporting 3.3-Report No. 3

Reporting 3.4-Report No. 4

Reporting 3.5-Report No. 5

Reporting 3.6-Report No. 6

DON'T HESITATE TO CONTACT US!

WE'RE EVERYWHERE

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