PGM TEK BI Online Training

What is Business Intelligence all about?

Business intelligence(BI) is the set of techniques and tools for the transformation of raw data into meaningful and useful information for business analysis purposes. Over the past decades, it has evolved from traditional relational database management systems to powerful suites of data integration, reporting, and analysis tools. Nowadays, BI applications are the foundation for all successful data-centric enterprises around the world. An expert in this field is always popular on the job market. A BI developer with 3-5 years of work experience can easily make $100k+ per year. Moreover, Positions in BI area are very secure, as they are usually managing database systems and applications which are vital to the core business.

Why do you want to sign up for this course?

Upon finishing our program, you will be surprised to find yourself a professional BI developer with at least 2-3 years of work experience. Plus, our instructors have years of hands-on BI experience. They will share with you a lot of tips and tricks in real world scenarios, including customizing resumes, one-on-one mock interviews, career advices, and more. You will be fully prepared and qualified for BI related job opportunities including, but not limited to: SQL Server Developer, SQL Server Programmer, Data Analyst, Information System Analyst, Business Intelligence Developer, Business Intelligence Analyst, Report Developer, SSRS Developer, ETL Developer, SSIS Developer…

What are the prerequisites?

None! Our program is designed for people with zero or limited IT background to learn and become proficient within a short period of time. You DO NOT need a computer science degree to get started.

Core courses

·   Basic to intermediate T-SQL

The curriculum starts with the introduction of SQL Server 2012 followed by details on how to use T-SQL to accomplish basic and intermediate coding requirements. There will be a couple of projects and exercises to help you better understand the key concepts in T-SQL.

·   Solid understanding of SSRS

We then move on to help students to generate various real world reporting solutions through utilizing Microsoft SQL Server Reporting Services (SSRS) tools. Students will be able to learn different types of popular report formats, such as

matrix reports, drill through reports, drilldown reports, chart reports, and dashboard reports and more.

· Deep dive into SSIS

After you are familiar with T-SQL and SSRS tools, we will start to learn SQL Server Integration Services (SSIS) in the ETL (extract, transform and load) process. Students will have opportunities to create SSIS projects and write programs to accomplish real world ETL tasks from start to finish including features on control flow, data flow, error handling, and deployment.

· Hands-on experience with SSAS

Lastly, we will teach students how to build SSAS database cubes, develop KPIs using MDX query language as well as introduction of Microsoft SQL Server Data Mining Add-ins for Microsoft Excel.

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