



**STUDENT ACTIVATION**

# IT Business Analyst

CHS is the largest cooperative in the United States and one of the biggest names in **agronomy**, energy, and grain processing. CHS IT business analysts assure quality and improve aspects of the business to insure efficiency, cost-effectiveness, and business development.

**AGRONOMY:** The science behind soil management and crop production.

## IT BUSINESS ANALYST? <sup>1,2</sup>

**IT business analysts** are responsible for assuring the quality of CHS’s **IT** products and services. They analyze data to inform business decisions and find technical solutions to the company’s needs. They work with the goal of automating processes to make the business more efficient for the benefit of its member owners.

**IT:** Short for “information technology”—the study or use of computer systems for storing, retrieving, and sending information.

## IS IT BUSINESS ANALYST A GOOD CAREER FOR ME?

| Me   | IT Business Analyst  |
|--|--|
| I like working in groups.  | IT business analysts are collaborative.                                    |
| I have a curious mind. I like to predict and solve big problems.   | IT business analysts are skilled at solving complex problems.              |
| I enjoy explaining things. I like working with others, teaching them new things, and helping them reach their goals. | IT business analysts are excellent leaders and effective trainers.         |
| I am interested in school subjects like technology and science.  | IT business analysts study computer science, technology, and the sciences. |
| I enjoy public speaking and am good at giving speeches. I can easily explain things to others, so they understand.   | IT business analysts are strong communicators.                             |

<sup>1</sup> <https://www.betterteam.com/it-business-analyst-job-description>

<sup>2</sup> <https://www.agcareers.com/career-profiles/information-technology-analyst.cfm>

| How does this career help me?  | How does this career help the world?   |
|--|--|
| <p>Every time your family buys or consumes something produced by a member of CHS, it benefits from the work of an IT business analyst. IT business analysts work to make processes more efficient and cost-effective, so your family can get the products it needs at a price it can afford.</p> | <p>The business of agriculture <i>literally</i> feeds the world. Being able to keep processes efficient and less expensive means feeding people around the world in less time, for less money, and with less environmental impact.</p> |

| What are some similar careers?   |
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| <p><b>Data scientists</b> combine technology, science, and math to make sense of and solve problems with complex sets of data. They interpret their results to help businesses make decisions and plans for improvement.</p> <p><b>Information security analysts</b> install software to protect the computer systems of businesses and companies. They analyze potential risks and create security plans to keep the information of businesses and customers safe and keep processes moving forward.</p> <p><b>Geospatial Analytics Scientists</b> assess, integrate, manipulate and extract data from GPS and other databases to improve software platforms used in precision agriculture.</p> |

Here are ways to practice the skills to be a successful **IT business analyst**:

- Think of something in your life that doesn't run smoothly. It could be getting ready and out of the house every morning or getting all your homework and chores done to get to bed on time every evening. Write down what you currently do and then analyze it to see where there is potential for more efficiency. Write a new plan and follow it to see if things run more smoothly.
- Think of something your family does the "old fashioned way"—maybe they still use a paper calendar or leave notes for each other taped to the door. Research and make a plan for replacing this method with one that includes more efficient or effective technology. Train your family on how to use this new method, and after a week or two, analyze its effectiveness.
- The world's population is expected to grow to 9.7 billion by 2050. Research some of the new technologies being used to produce more food. What technology would you use or invent to grow more food?