



Grades

Print

Final Calculated Grade

Points

879.26 / 1,000

Grade Item	Points	Grade	Comments and Assessments
Module 1			
Module 1 - Microsoft Learn	0 / 20		<p>Overall Feedback</p> <p>Ira,</p> <p>I noticed you missed Module 1 of the Microsoft Learn assignment. Since these modules are designed to prepare you for our hands-on lab work, completing them before class is important for your learning experience. Your grade for this module will be recorded as zero.</p> <p>However, I want you to know that you'll have opportunities to make up these points through extra credit assignments later in the semester. I encourage you to stay on track with future modules and complete them before our class sessions.</p> <p>If you're experiencing any challenges that make it difficult to complete the pre-class work, please let me know. I'm here to support your learning and success in this course.</p> <p>Best, Dr. Mary</p>
Knowledge Quest - Course Orientation	18.33 / 20		<p>Overall Feedback</p> <p>Ira,</p> <p>Excellent work completing the Course Orientation Knowledge Quest! Your strong start shows you're ready to engage with our course materials. This assignment helps ensure you'll get the most out of our learning experience together.</p> <p>Looking forward to our semester ahead!</p>

Best,
Dr. Mary

Knowledge Quest -
Database Concepts and
Normalization 

Syllabus Quiz 15 / 15  View Quiz Attempts

Overall Feedback

Updated 1/25/2025:

Ira,

Thank you for such an insightful reflection! Your realization about the power of taking breaks is excellent - many experienced developers use this same strategy. I'm glad you discovered that package import issues often trace back to virtual environments. This kind of technical debugging insight will make you a stronger programmer.

You're already showing the kind of self-awareness that makes for a great developer. Keep trusting your instincts about when to step away and come back with fresh eyes. Your determination combined with this growing wisdom about the development process will take you far.

Best,
Dr. Mary

Ira,

I noticed you haven't uploaded your Module 1 lab assignment yet. Normally I would close the dropbox at the due date, because students are required to upload at least a rough draft of their labs, but I thought you were in class during this lab. I left the dropbox open, in case you just forgot to upload your lab at the end of class.

Let me know if you have any questions about uploading your work or need help accessing the dropbox.

Best,
Dr. Mary

 View Graded Rubric

Module 2

Module 2 Lab	30 / 30	Overall Feedback
		Ira,
		Outstanding work on both your ERD diagrams! Your video game character design shows perfect relationships between tables, with all the right primary keys in place. The way you mapped the one-to-many relationships from Character to both Superpower and Equipment is exactly right.
		Your snack database normalization is excellent - you've broken down all the complex data into clean, separate tables and included the Brands table. I like how you created the linking tables to handle the many-to-many relationships between snacks and flavors.
		One small addition you could make is connecting your Brands table to Snacks with a linking table called SnackBrands that has: - SnackID (FK) - BrandID (FK)
		This would let you track which brands make which snacks, since one brand can make many snacks, and one snack can be made by multiple brands (think of how both Cheetos and Takis make cheese puffs).
		Amazing work! Keep bringing this level of clarity to your database designs.
		Best, Dr. Mary

 View Graded Rubric

Knowledge Quest: 12.45 / 15

Normalization 

Knowledge Quest - Entity-Relationship Diagrams 15 / 15



Module 2 - Microsoft Learn 10 / 20

Overall Feedback

Ira,

I see you completed the Introduction to T-SQL module. To fully prepare for our upcoming labs, please also complete the "Sort and filter results in T-SQL" module. I extended the time since you completed a rough draft of this. Please let me know when you upload the link to the second badge, so I can give you credit for your work.

Best,
Dr. Mary

Getting to Know You Survey 0 / 14

Overall Feedback

Ira, I noticed you haven't completed the Getting to Know You survey. While this can't be made up, you'll have opportunities for extra credit later in the semester. I still want to get to know you better - please come say hello during office hours!

Best, Dr. Mary

Module 3

Module 3 Lab 30 / 30

Overall Feedback

Updated 3/4/2025:

Ira,

Thank you for submitting your Module 3 lab on GitHub. In Part 1, you forked the repository with the SQL Server Docker container and set it up correctly in GitHub so that you are ready for future labs using SQL Server.

Your analysis shows thoughtful insight into development best practices. It's great to hear Copilot has been helpful! Microsoft has been promoting it quite a bit for developers using GitHub and VS Code.

Best,
Dr. Mary

Hi Ira,

I wasn't able to give you credit for this lab because it wasn't started by the due date. However, I encourage you to complete the upcoming extra credit to make up points.

Best,

Dr. Mary

 [View Graded Rubric](#)



Module 3 - Microsoft Learn

0 / 20

Overall Feedback

Ira,

I see you weren't able to complete this week's Microsoft Learn modules. I know these assignments can be challenging to fit into a busy schedule. You didn't earn credit for this assignment, but you will have an opportunity to make up these points through an extra credit assignment later in the semester.

The modules help build your foundation for our hands-on labs each week. I want you to get the most out of our class time together, so please let me know if you're having any technical issues or need support with the modules.

I'm here to help you succeed in this course!

Best, Dr. Mary

Module 4

Module 4 Lab

10 / 30

Overall Feedback

Ira,

I can see that you've started working on the Module 4 Lab focused on SQL joins, functions, and GROUP BY clauses. You've included the JOIN example that shows the relationship between Customers and Orders tables, and you've also added the LEFT JOIN example to show all customers regardless of whether they have orders. This is a good start!

There are several parts of the assignment that still need to be completed to earn full credit. Your submission needs:

- The Built-in Functions example with SUM(), ROUND(), and COUNT().
- The GROUP BY with HAVING clause example.
- The Subquery example.
- The Combined Concepts query with multiple JOINS.
- The Part 2 individual challenge query showing total revenue and order count by customer for 1997.

Looking at what you've submitted, you're on the right track with understanding the JOIN concepts.

Please keep in mind that the final due date for our course is **Thursday, May 15 at 4 PM**, so please upload your revised lab before that date.

Please let me know if you're stuck or need help - I'm happy to help.

Best, Dr. Mary

Ira,

I understand you're having trouble getting the lab to work and need more time. That's perfectly fine. Learning SQL takes practice, and it's not uncommon to need extra time to work through the challenges.

Don't get discouraged! The important thing is that you're engaging with the material. Take the time you need to review the concepts, experiment with the queries, and try to pinpoint where the issues are. If you're stuck on a particular query, try breaking it down into smaller parts. Test each part individually to see if it's working as expected.

Remember, I'm here to help. If you're struggling with a specific problem, please feel free to reach out with specific questions. The more detail you can provide about what's not working (e.g., the exact error message you're getting, the query you're running, what you've tried so far), the better I can assist you.

Take the extra time you need, and don't hesitate to ask for help when you need it. You've got this!

Best, Dr. Mary

 View Graded Rubric

[Insert Update and Delete](#)[Basics](#) 

Module 4 - Microsoft Learn

20 / 20

Overall Feedback

Ira,

Great job completing the "Create tables, views, and temporary objects" Microsoft Learn module! Sharing the achievement URL is exactly what was needed. You're on the right track for the upcoming lab and Coding Challenge. Keep up the good work!

Best,

Dr. Mary

Module 5

Module 5 Lab

0 / 30

Overall Feedback

Ira,

I wasn't able to give you credit for this lab because your code wasn't uploaded to the dropbox by the end of the semester.

Thanks,

Dr. Mary

Hi Ira,

I'll count this as a rough draft and leave the dropbox open so you can turn in the Module 5 Lab. Please complete it before the final due date (5/15/25 at 4 PM).

Thanks,

Dr. Mary

 [View Graded Rubric](#)

Overall Feedback

Ira,

I wasn't able to give you credit for this Microsoft Learn assignment, because your badge wasn't uploaded to D2L by the due date on the course schedule.

Thanks,

Dr. Mary

Module 6

Overall Feedback

Ira,

Even though you struggled a bit with this lab, you did an excellent job! Remember, that persistence and patience pays off when you are working on a software development project.

Your SQL assignment shows a strong understanding of database fundamentals and query techniques. You've created a well-structured database for tracking books and authors.

Your table creation includes appropriate data types and a proper foreign key relationship between Books and Authors. The primary keys are clearly defined, and the VARCHAR lengths are reasonable for the data being stored.

The data insertion statements are formatted correctly and include a good variety of authors and books. I like how you've included different publication years spanning multiple centuries.

Your BookDetails view effectively joins the two tables to create a useful combined dataset with formatted author names. This kind of view will make reporting much easier.

I noticed you're properly using the GO statement to separate batches, which is important in SQL Server. You've also handled the apostrophe in "Philosopher's Stone" correctly with double quotes.

Great work on this lab!

Best, Dr. Mary

 View Graded Rubric

Overall Feedback

Ira,

Thank you for completing the Microsoft Learning module "Create stored procedures and user-defined functions". This will help you in your labs, since we'll be working with stored procedures, and on the final project.

Best,

Dr. Mary

Knowledge Quest-Stored
Procedures in SQL Server

12.45 / 15

Overall Feedback

Ira,

Nice work on this Knowledge Quest! We'll be building on the concepts in our upcoming lab.

Thanks,

Dr. Mary

Knowledge Quest-Creating
Tables and Views in SQL
Server

13.13 / 15

Overall Feedback

Ira,

Nice work on completing the Knowledge Quest!

Thanks,

Dr. Mary

Module 7

Module 7 Lab

30 / 30

Overall Feedback

Updated 3/16/25:

Ira,

Thank you for uploading your stored procedures lab! Your code shows a good understanding of PL/SQL fundamentals and stored procedure implementation.

Your procedures are well-structured with appropriate parameters, exception handling, and clear logical flow. I liked your implementation of the update_salary_iratoles procedure where you check if the new salary falls within the valid range for the job before making updates - this is exactly the kind of business logic validation that makes stored procedures valuable.

The get_department_budget_iratoles function effectively handles the department budget calculation, including the nice touch of returning 0 for departments with no employees using NVL().

Your department_report_iratoles procedure demonstrates good use of joins to gather related information from multiple tables in a single query, which is an efficient approach.

All your code includes proper exception handling with informative error messages, which is essential for production-quality database code. Nice work on this lab!

Best,
Dr. Mary

Hi Ira,

I think you accidentally submitted the wrong assignment. This looks like the PL-SQL code from ITEC1375. Would you be able to upload the stored procedures for the Module 7 lab? Please let me know when you upload them so I can take a look at your code. Thanks!

Dr. Mary

 View Graded Rubric

Overall Feedback

Ira,

Thank you for completing your Microsoft Learn lessons for Module 7! Don't forget to add your Microsoft Learn badges to your LinkedIn account. This is a great way to show off your SQL Server knowledge to potential employers.

Best,
Dr. Mary

Module 7

Module 8

Overall Feedback

Ira,

Thank you for submitting your SQL midterm exam! I can see you have an excellent understanding of SQL concepts.

Your work on questions 1-9 is outstanding! Your SELECT query, JOIN operations, and GROUP BY functions are all correctly implemented. I like your careful attention to detail in specifying column names in your INSERT statements and using subqueries to find the correct IDs dynamically.

Your stored procedure in question 9 perfectly handles the requirement to ensure stock levels are never negative by setting them to zero when needed, and your table creation with constraints is well-structured.

There's just one small issue that affected your score on question 10. The complex query instruction specifically mentioned to find the top 5 customers by total freight costs "without using JOINS," but your solution includes a JOIN to the Customers table. The query could have been completed using only the Orders table, grouping by CustomerID.

I'm impressed with your consistent use of proper SQL formatting and your clear understanding of database relationships. The way you've constructed your queries shows a professional approach to SQL development.

Your work demonstrates strong SQL skills that will serve you well in database management and development. Great job overall!

Best, Dr. Mary

Module 9

Module 10

Module 10 Lab

30 / 30

Overall Feedback

Ira,

Thank you for completing the Module 10 lab. Your work on setting up the SQL Server environment, creating the initial database, and running the basic queries shows good progress.

The SQL code you submitted is well-structured with appropriate syntax and follows good programming practices. This practical experience with SQL Server tools will be valuable as you get started with your final project later in the course! Nice work!

Best, Dr. Mary

 View Graded Rubric

Module 10 - Microsoft

20 / 20

Overall Feedback

Learn

Ira,

Thank you for completing your Microsoft Learn module for Module 10. We'll be building on what you learned in this module in our upcoming labs by deploying SQL Server on Linux.

Thanks,

Dr. Mary

Module 11

Module 11 Lab

30 / 30

Overall Feedback

Updated 5/16/2025:

Ira,

Thank you for submitting your Module 11 Lab on SQL Server deployment on Linux. You've successfully set up the SQL Server environment using Docker in GitHub Codespaces. Nice work on this assignment.

Best, Dr. Mary

Hi Ira,

I saw your note in the assignment dropbox. Would you like to go over this lab together? I have a drop-in session on Tuesday from 2-3 PM, if you would like to talk then. Otherwise, you can make an appointment using the link at the top of the syllabus. I know you were going to be out of town, so feel free to book a time that works with your schedule.

Thanks,

Dr. Mary

 View Graded Rubric



Module 11 - Microsoft
Learn

20 / 20

Overall Feedback

Ira,

Thank you for completing your Microsoft Learn assignment for this week. I hope the Microsoft Learn Module was helpful in giving you background in the concepts of security, scalability and availability for SQL Server.

Best, Dr. Mary

Module 12

Module 13

Module 13 - Microsoft
Learn

20 / 20

Overall Feedback

Ira,

It's great to see you completed the Microsoft Learn training on backing up and restoring databases. Getting this badge shows your commitment to developing important database management skills that many employers value.

Remember to add this badge to your LinkedIn profile! It's a great way to showcase your skills to potential employers. You can do this by going to your profile, scrolling to the "Licenses & Certifications" section, and clicking the + button to add your new credential.

These database skills will be useful in many IT roles, especially as data management becomes more important across industries.

Best, Dr. Mary

Knowledge Quest: Stand-
up Meetings



15 / 15

Overall Feedback

Ira,

Nice work on the stand-up meetings knowledge quest! I hope this background is helpful when we hold our stand-up meetings for the database project.

Best,

Dr. Mary

Knowledge Quest:

12 / 15

Overall Feedback

Database Project 

Ira,

It's good to see you completed the Knowledge Quest on the database project. I hope this helps you to feel more prepared for the project. If you have any questions about the project, please let me know - I'm happy to help.

Best,

Dr. Mary

Project: Brainstorming Session

20 / 20

Overall Feedback

Ira,

I've reviewed your database project ideas. You've created a strong list of interesting concepts that show good understanding of how databases connect different types of information.

Any of these would make a solid database project, with the IT Career Simulator offering a relevant business application.

Best, Dr. Mary

Module 14

Module 15

Project Plan Review

10 / 10

Overall Feedback

Ira,

Thank you for participating in the project plan review session we held in class on April 24. I hope you gained some valuable feedback from your classmates.

Best,

Dr. Mary

Project Plan

76 / 76

Overall Feedback

Updated 5/10/2025:

Ira,

Your Streamers-Influencers Sales Database project plan looks great! The ERD diagrams you've provided show good progress on this assignment. I see you've created two separate ERD diagrams - one appears to be a viewer/donation tracking system, and the other shows your streamer-influencer collaboration database.

For your final submission, I suggest focusing on just one of these database designs and expanding it to meet all requirements. The

streamer-influencer collaboration database seems more developed, so that might be your best option to complete.

Your ERD already shows good relationship structures between streamers, influencers, collaborations, and sales. Make sure all your tables are properly normalized to at least 2NF, with all attributes clearly defined.

I like the practical application you've chosen. Tracking the effectiveness of partnerships between content creators is a relevant business problem with real-world applications.

Please let me know if you're stuck or need help - I'm happy to help.

Best, Dr. Mary

Ira,

Thank you for submitting your Streamers-Influencers Sales Database Project Plan. Your project plan clearly outlines the objectives of creating a database to track collaborations between streamers and influencers and the resulting sales data. The structure is well-organized with defined objectives and key features.

However, there appears to be a mismatch between your written plan and the ERD diagram you've provided. The ERD shows entities for VIEWER, DONATION, MERCH, API_AUTOMATION, and CLOUD_SCALING - which suggests a system for tracking viewer donations and merchandise purchases for streamers, rather than influencer collaborations.

For your project to align with your stated objectives, you would need an ERD that includes:

1. A Streamers table
2. An Influencers table
3. A Collaborations table
4. A Sales table

The current ERD appears to be for a different project focused on donation tracking and cloud scaling.

Additionally, your project plan would be strengthened by:

1. A clear problem statement explaining the current challenges.
2. Discussion of database administration concerns (scalability, availability, security).
3. Sample data for each proposed table.
4. Ensuring the ERD is normalized to at least 2NF.

I'm going to hold off on assigning points for your project plan to give you an opportunity to revise and resubmit. Please let me know if you're stuck or need help. I'm happy to help you align your ERD with your project objectives.

Best, Dr. Mary

Module 16

Project Stand-Up Meeting	15 / 15	Overall Feedback
		<p>Ira,</p> <p>Thank you for participating in the stand-up meeting during our class session on May 1. I hope it was helpful in organizing your tasks and overcoming your roadblocks.</p> <p>Best, Dr. Mary</p>

Module 17

Module 18

Project Database	80 / 80	Overall Feedback
		<p>Ira,</p> <p>Nice work on your database project! You've built a well-designed order management system with a focus on customers, products, orders, and employees.</p> <p>Your database includes eight properly normalized tables that work together to create a complete system for tracking sales and inventory. The relationships between tables are logical with proper foreign key constraints. You've implemented good database design principles, including separation of order headers and details.</p> <p>Your sample data provides a clear picture of how the system works, with realistic customer information, products, orders, and employee assignments.</p> <p>The three stored procedures you've created handle important functions:</p> <ul style="list-style-type: none">• InsertOrUpdateCustomer for managing customer data• GetCustomerOrders for retrieving order information• DeleteOrder for removing orders from the system <p>Your two views provide useful business insights. SalesSummary shows customer spending patterns and ProductSupplierInfo connects products with their suppliers.</p> <p>I notice your comment about using a recursive hierarchy with WITH RECURSIVE, though this doesn't appear in the final code. That would be an interesting advanced feature to explore.</p> <p>Your project shows solid understanding of database design principles and practical SQL implementation. The structure would support real-world business operations effectively.</p> <p>Remember to save your project code. This is a great project to share with future employers during the interviewing process. Great job on your database project!</p>

Project Retrospective	45 / 45	Overall Feedback Ira, Thank you for sharing your database during the project retrospective. I hope you found it insightful to see your fellow student developers' databases and learn about their experiences. Best, Dr. Mary
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Extra Credit

Extra Credit: Career Networking Event (Bonus)	25	Overall Feedback Hi Ira, Thanks for submitting your discussion of the Google Cloud event. I also attended the conference virtually and the keynotes were wonderful. I'm looking into using Google Cloud for some fall courses. Thanks, Dr. Mary
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Extra Credit: Course Survey Confirmation (Bonus)	10	 View Quiz Attempts
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