



**Edit Check Training  
Syllabus**

## Introduction

Welcome to the DF/Net Edit Check Training (ECT). One of DataFax's/DFdiscover's most powerful components is the Edit Check language. With the language, one can specify logic and constraints that help to ensure your studies run smoothly and efficiently. With Edit Checks you can optimize your study in a plethora of ways, and with this training you will be better prepared to achieve this optimization. Our trainings will prepare you to get the most out of the Edit Check language and bring your study to a whole new level.

## Available Modules

The training is separated into four (4) modules. The Modules are arranged in increasing level of skill. You can preview what concepts and lessons will be covered in each training Module and on what dates they will be broadcasted down below. The price of each Module is per organization. If your organization purchases access to a Module, everyone in your organization will have ongoing access to an online version of that Module.

| Module   | Name  | Tier         | Total Online Trainings | Price (per Org.) |
|----------|---|--------------|------------------------|------------------|
| Module 1 | Introduction to Programming and Edit Checks | Beginner     | 4 Trainings (6 Hours)  | \$1,000          |
| Module 2 | The Building Blocks of Edit Checks          | Intermediate | 4 Trainings (6 Hours)  | \$1,000          |
| Module 3 | Advanced Utility and Functionality          | Advanced     | 6 Trainings (9 Hours)  | \$1,500          |
| Module 4 | Optimal Utility and Functionality           | Expert       | 6 Trainings (9 Hours)  | \$1,500          |

***IMPORTANT NOTE:*** Modules will not be all released at the same time. They will be releasing in the order that they are listed above, and only after the previous Module has broadcasted all its online trainings. Additionally, there will be a single week break in-between each Module. The online trainings will be occurring on Tuesdays and Thursdays at 8am PDT / 3pm CST. For example, Module 1 begins on April 16<sup>th</sup>, 2019. This means that Module 2 will begin May 7<sup>th</sup>, 2019.

## Module Structure

Each Module will contain the following:

- 4 - 6 Online Trainings (6 - 9 Hours of Training)
- Approximately 15 – 20 Lessons covering various edit check topics
- Dozens of practice problems on each topic
- Online edit check support

## FAQ

### **When does each Module become available?**

Module 1: Introduction to Programming and Edit Checks – *April 16<sup>th</sup>, 2019*

Module 2: The Building Blocks of Edit Checks – *May 7<sup>th</sup>, 2019*

Module 3: Advanced Utility and Functionality – *May 28<sup>th</sup>, 2019*

Module 4: Optimal Utility and Functionality – *June 25<sup>th</sup>, 2019*

### **What time do the online trainings occur?**

8am PDT / 3pm CST

### **Where will all this content be located?**

<https://medusa.dfnetresearch.com/project/home/begin.view>

### **I don't have a Medusa account, but my Organization has paid for a Module. What do I do?**

Contact [itsupport@dfnetresearch.com](mailto:itsupport@dfnetresearch.com) and provide them your *Full Name, Email, and Organization*. Please provide up to 48-hours for a response. Once confirmation has been made about the payment, you will be provided a Medusa account and directly contacted.

### **Will the online trainings be recorded?**

Yes. If you miss an online training, it will be posted alongside the rest of the content on [Medusa](#).

### **Is there a discount for purchasing multiple modules?**

Yes, for each additional ECT Module purchased you will gain an additional 10% discount on the total purchase. For example, if you purchase all 4 ECT Modules, you will get 30% off your entire purchase (*\$1,500 discount*).

### **If I purchase a module today, and purchase another module on a later date, do I still get the discount?**

Yes. The discount will also apply retro-actively to your previous ECT Module purchases as well.

### **I have a question. Who do I contact?**

If the question is about the Edit Check Trainings themselves, please contact [tadas@dfnetresearch.com](mailto:tadas@dfnetresearch.com).

If the question is a general question regarding the Edit Check language, please contact [support@datafax.com](mailto:support@datafax.com).

If the question is about Medusa, please contact [itsupport@dfnetresearch.com](mailto:itsupport@dfnetresearch.com).

# Module 1 – Introduction to Programming and Edit Checks

**Description:** Learn the fundamentals of programming, what Edit Checks are, and how to create your own code.

**Tier:** Beginner

**Total Online Training Time:** 6 Hours

**Price:** \$1,000 per Organization

**Included in the Module:**

- 7 Learning Topics  
(Comprising 21 Lessons)
- Practice Problems and Exercises
- 4 Online Trainings (90 minutes each)

| Online Training Schedule                      | Topic                       | Lesson                           | Written Content / Practice Problems        |
|---|-----------------------------|----------------------------------|--|
| April 16 <sup>th</sup> , 2019<br>(90 Minutes) | ECT 100<br>Introduction     | -Introduction-                   | Available<br>April 16 <sup>th</sup> , 2019 |
|   | ECT 101<br>Basics           | What is an Edit Check?           |  |
|   |                             | How to apply an Edit Check?      |  |
|   |                             | Your first Edit Check.           |  |
|   |                             | Understanding common Syntax      |  |
|   | ECT 102<br>Variables        | What are variables?              |  |
|   |                             | String variables.                |  |
|   |                             | Number variables.                |  |
|   |                             | Variable Computations.           |  |
|   | ECT 103<br>Comments         | What are comments?               |  |
| Comment utility.                              |                             |                                  |  |
| April 18 <sup>th</sup> , 2019<br>(90 Minutes) | ECT 104<br>Referencing Data | How to reference data.           |  |
|   |                             | Referencing by Field Number.     |  |
|   |                             | Referencing by Field Name.       |  |
|   | ECT 105<br>If Statements    | What are "If" statements?        |  |
|   |                             | What are "Else" statements?      |  |
|   |                             | What are "And" statements?       |  |
| April 23 <sup>rd</sup> , 2019<br>(90 Minutes) | ECT 106<br>Functions        | What are "Or" statements?        |  |
|   |                             | What are functions?              |  |
|   | ECT 107<br>Parameters       | Checking for missing/blank data. |  |
|   |                             | What are parameters?             |  |
| April 25 <sup>th</sup> , 2019<br>(90 Minutes) | ECT 100<br>Review           | Parameter utility.               |  |
|   |                             | -Review-                         |  |

## Module 2 – The Building Blocks of Edit Checks

**Description:** Learn the unique attributes about the Edit Check language and learn the core components that are essential to creating any Edit Check.

**Tier:** Intermediate

**Total Online Training Time:** 6 Hours

**Price:** \$1,000 per Organization

**Included in the Module:**

- 6 Learning Topics  
(Comprising 17 Lessons)
- Practice Problems and Exercises
- 4 Online Trainings (90 minutes each)

| Online Training Schedule                    | Topic                                   | Lesson                                    | Written Content / Practice Problems     |
|---|---|---|---|
| May 7 <sup>th</sup> , 2019<br>(90 Minutes)  | ECT 200<br>Introduction                 | -Introduction-                            | Available<br>May 7 <sup>th</sup> , 2019 |
|   | ECT 201<br>dfaddqc                      | What is “dfaddqc”?                        |   |
|   |   | dfaddqc utility.                          |   |
|   | ECT 202<br>Return and Exit              | What are “return” statements?             |   |
| What are “exit” statements?                 |   |   |   |
| May 9 <sup>th</sup> , 2019<br>(90 Minutes)  | ECT 203<br>Advanced<br>Variables        | Date variables.                           |   |
|   |   | Time variables.                           |   |
|   |   | Global variables.                         |   |
|   |   | Variable type conversion tricks.          |   |
|   | ECT 204<br>Alternative<br>Functions     | dfwarning/dfmessage/<br>dfdisplay/dferror |   |
|   |   | dfmissval/dfmisscode                      |   |
|   |   | dfblank/dfmissing                         |   |
| May 14 <sup>th</sup> , 2019<br>(90 Minutes) | ECT 205<br>Advanced Data<br>Referencing | Referencing Review.                       |   |
|   |   | Referencing cross-plate.                  |   |
|   |   | Referencing by module.                    |   |
|   |   | Referencing by relativity.                |   |
|   | ECT 206<br>Field Properties             | What is “dfvarinfo”?                      |   |
| dfvarinfo utility.                          |   |   |   |
| May 16 <sup>th</sup> , 2019<br>(90 Minutes) | ECT 200<br>Review                       | -Review-                                  |   |

## Module 3 – Advanced Utility and Functionality

**Description:** Learn how to utilize many of the more powerful tools in the Edit Check language, and begin to create more complex and advanced Edit Checks.

**Tier:** Advanced

**Total Online Training Time:** 9 Hours

**Price:** \$1,500 per Organization

**Included in the Module:**

- 7 Learning Topics  
(Comprising 21 Lessons)
- Practice Problems and Exercises
- 6 Online Trainings (90 minutes each)

| Online Training Schedule                     | Topic                          | Lesson   | Written Content / Practice Problems      |
|--|--------------------------------|--|--|
| May 28 <sup>th</sup> , 2019<br>(90 Minutes)  | ECT 300<br>Introduction        | -Introduction-   | Available<br>May 28 <sup>th</sup> , 2019 |
|  | ECT 301<br>Include             | What are “include” statements?<br>Include utility.           |  |
|  | ECT 302<br>Looping             | What is a “while” statement?<br>While utility.               |  |
| May 30 <sup>th</sup> , 2019<br>(90 Minutes)  | ECT 303<br>Data Functions      | String manipulation.   |  |
|  |                                | Lookup Tables.   |  |
|  |                                | Altering data on a different plate.                          |  |
| June 4 <sup>th</sup> , 2019<br>(90 Minutes)  | ECT 304<br>User Functions      | Batch exclusivity.   |  |
|  |                                | Moving the user around or preventing data save.              |  |
|  |                                | Making specific fields view only or hidden.                  |  |
|  |                                | Prompting the user with a 2-choice question.                 |  |
|  |                                | Prompting the user with a question that requires user input. |  |
| June 6 <sup>th</sup> , 2019<br>(90 Minutes)  | ECT 305<br>User-Data Functions | Sending automated emails.                                    |  |
|  |                                | Changing behavior based off Role and/or Username.            |  |
|  | ECT 306<br>Queries             | User preferences.  |  |
|  |                                | Query Information.   |  |
|  |                                | Checking for queries.  |  |
| June 11 <sup>th</sup> , 2019<br>(90 Minutes) | ECT 307<br>Custom Functions    | Missing Page queries.  |  |
|  |                                | Editing queries.   |  |
| June 13 <sup>th</sup> , 2019<br>(90 Minutes) | ECT 300<br>Review              | How to create a custom function.                             |  |
|  |                                | Custom function utility.                                     |  |
|  |                                | -Review-   |  |

## Module 4 – Optimal Utility and Functionality

**Description:** Learn how to utilize everything that the Edit Check language offers, alongside creativity, to create revolutionary edit checks.

**Tier:** Expert

**Total Online Training Time:** 9 Hours

**Price:** \$1,500 per Organization

**Included in the Module:**

- 5 Learning Topics  
(Comprising 15 Lessons)
- Practice Problems and Exercises
- 6 Online Trainings (90 minutes each)

| Online Training Schedule                     | Topic                             | Lesson  | Written Content / Practice Problems       |
|--|-----------------------------------|---|---|
| June 25 <sup>th</sup> , 2019<br>(90 Minutes) | ECT 400<br>Introduction           | -Introduction-  | Available<br>June 25 <sup>th</sup> , 2019 |
|  | ECT 401<br>Arrays                 | What is an Array?   |   |
|  |                                   | Creating Array Functionality<br>Expanding the Array Functionality |   |
| June 27 <sup>th</sup> , 2019<br>(90 Minutes) | ECT 402<br>HTML                   | What is HTML?   |   |
|  |                                   | Incorporating HTML  |   |
|  |                                   | Advanced Implementation   |   |
| July 2 <sup>nd</sup> , 2019<br>(90 Minutes)  | ECT 403<br>Interactive Menu       | Creating Buttons  |   |
|  |                                   | Changing CRF Backgrounds  |   |
|  |                                   | Illusion of Moving Buttons  |   |
| July 9 <sup>th</sup> , 2019<br>(90 Minutes)  | ECT 404<br>Alphanumeric<br>'Hack' | Alphanumeric concept  |   |
|  |                                   | Mapping examples  |   |
|  |                                   | 'Search' engine   |   |
| July 11 <sup>th</sup> , 2019<br>(90 Minutes) | ECT 405<br>External Scripts       | What is dfexecute?  |   |
|  |                                   | Utility of dfexecute  |   |
|  |                                   | Examples of utility   |   |
| July 16 <sup>th</sup> , 2019<br>(90 Minutes) | ECT 400<br>Review                 | -Review-  |   |