

# ADAM FOOTBALL ANALYZER

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ADAM FOOTBALL ANALYZER is a program to help you predict the outcome of football games. It can be used for any level (pro, college...etc) you want, as long as you can get the proper statistics to enter into the program. However it is especially made for the NFL. This program includes a data file called NFL which has actual data in it. Use this data to familiarize yourself with AFA. If you wish to use this program for another league, you will have to modify AFA. Please remember that predicting any future event is not an exact science, so please do not make any unwarranted wagers based upon what this program predicts.

To load program simply reset your computer. The actual program is located in a file called FOOTBALL.

The MAIN MENU has 6 selections:

1. ENTER LAST WEEK'S STATS
2. LOOK UP A TEAMS STATS
3. PICK A WINNER
4. DIRECTORY
5. NFL REPORTER
6. CLOSE ALL RECORDS
7. END SESSION

## 1. ENTER LAST WEEK'S STATS

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This section allows you enter the results of the weekend's action. You will be asked to enter the TEAMS NAME and the OPPOSITION. The teams stat's to enter are:

1. POINTS SCORED
2. POINTS ALLOWED
3. YARDS GAINED
4. YARDS ALLOWED
5. TURNOVERS RECOVERED
6. TURNOVERS LOST

Once you have entered the appropriate stats, AFA automatically enters the opponents stats (since they are the exact opposite stats). AFA also adds these stats to whatever stat's are currently in the team's record. In that way, the program keeps a running total of each team's statistics. By the way, you should find all the statistics you need in you newspaper following the day of the game. It is important to keep your team's record current. The more current and accurate the information, the more likely AFA will give you a correct prediction. Also, after the year, you will probably want to start your teams file back at 0.

Now ADAM will store your data in its memory until you are done with AFA. At that point AFA will save your data on a data pack or disk. While I am at it, it is a good idea to have all of AFA's programs on one disk along with the NFL

data file. The program will flow a lot smoother that way and you will still have plenty of room for other things such as a turnkey version of SmartBasic. A Smart Menu will now appear on the bottom of your screen. Your options are:

- I MAIN MENU - takes you back to main menu
- II AGAIN - takes you back to the beginning of your option so you can enter next games stats.
- III PRINT - allows you to print the screen. (may not work with some dot matrix printers)
- IV QUIT - allows you to end the program.

## **2. LOOK UP TEAM STATS**

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This selection allows you to look up any team's stats that you have on file. You will be asked for the team you want to look up. The teams stats will be displayed on your screen and your smart menu will also appear. All the selections are the same (see section 1) except for SmartKey II AGAIN which allows you to look up another teams stats

## **3. PICK A WINNER**

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This of course is the prediction part of the program. The first thing you will be asked to do is to enter the week. If this is the 10th week of the NFL season enter 10. You will be asked to enter the visiting team name and the home team name. It is important that you enter the correct team in the proper category and the correct week because the home team gets a slight weight added to its rating. Once you have entered the teams, ADAM will give you its prediction and will display the SmartMenu on the bottom. SmartKey II AGAIN will allow you to enter the next game so that ADAM can pick another winner. Once you are through, hit key IV-Quit and you can print your list of predictions on your screen or printer.

## **5. NFL REPORTER**

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This section will take you out of FOOTBALL ANALYZER and into another program called NFL REPORTER. NFL REPORTER will report and sort out data from you NFL file. Its options are:

1. PRINT ALL TEAM STATS
2. COMPARE OFFENSES
3. COMPARE DEFENSES
4. ALL OF THE ABOVE
5. GOTO FOOTBALL ANALYZER
6. END SESSION

Section 1 simply reads your team records of the disk or data pack and prints them out in alphabetical order. Section 2 sorts out all the offensive stats and prints a report. The report has which teams had the most points scoring, most yards gained, and fewest turnovers. Section 3. Does the same as #2 except that it compares the

defensive stats. Which team has allowed the fewest points, the fewest yards and the most turnovers recovered. Section 4 prints a report with all 3 sections. It is worth mentioning that this program will work with ADAM's printer or a dot matrix printer. If you have a dot matrix printer change line 40. The part that says wr=20 should say wr=0. This will take the program to lines 3170-3270 which controls printer controls. The controls were designed for a Canon PW-1080A printer and may not work with your printer. Refer to your owners manual to set the proper controls for your printer.

The report has a title in jumbo print - NFL REPORT. All of the other headings should be double striked or emphasized. The actual body of the report is in regular print. Also switching to wr=0 will allow fan fold printing.

#### 6. CLOSE ALL RECORDS

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This section will take you out of AFA and into another program called CLOSE-NFL. You should only use this section when you want to start off a new year. This program will wipe out your file and set all stats to 0. So use it with caution.

#### 7. END SESSION

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This section will end your program. If you have made any changes to the records, it will also save your new stats and make a backup from your old file. The backup is called NFL-BAK. The new one is called NFL.

#### NOTES

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This program will work with both SmartBasic 1.0 or 2.0. I have a routine in the program to check which version you have and then sets the appropriate screen color pokes.

There is no need to hit the shift lock key. AFA has a routine to caps lock as you are entering data. If you should happen to be in the shift mode, simply hit the backspace key. You will then be able to reenter your data. You can not enter data in the shift mode. Doing so will create funny results. Again all you have to do is press the backspace key once.

The NFL file has 28 records in it, one for each NFL team. Each team record is composed of 9 fields. The fields are as follows:

1.	2.	3.	4.	5.	6.
team	points	points	yards	yards	turnovers
name	scored	allowed	gained	allwd	recovered

7.	8.	9.
turnovers lost	conference	division

Only the the first 7 fields are used in any of the programs in this package. The 8th and 9th fields are there for future uses. Field 8 contains an A or N which stands for which conference the team belongs to - American or National. Field 9 has which division the team belongs to E W or C. They stand for East, West, or Central. These fields could be used to further sort out data in NFL-REPORTER.

If you want to, you can change the formulas for predicting the games. The formulas start at line 1940. Basically the formulas are:

1940 (TURNOVERS RECOVERED - TURNOVERS LOST) \* 5  
 1950 YARDS GAINED - YARDS ALLOWED  
 1960 POINTS SCORED + NET TOTAL OF LINE 1940 - POINTS ALLOWED  
 1970 same as 1960 except this is for the home team which gets an additional 3 pts for each week

In line 1940, I multiplied the net turnovers by 5 because I feel that turnovers are very important. Some of you may think that turnovers may be more important and may wish to weigh the net turnovers by a higher number. If you do, perhaps you can let me know how the program is working. Also in line 1970, I gave the home team an additional 3 points to its rating. You may also wish to alter this. If you make any changes to the formulas or would like to know more about the program write to me at:

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Please include a SASE if you wish a response.