Data Scientist with SAS Software

SAS- SGH Warsaw School of Economics Academic Specialization in Advanced Analytics – Big Data

The Data Scientist with SAS Software Certificate is awarded to students enrolled at second cycle (master's degree) studies conducted at the Warsaw School of Economics who complete the „Data Analysis with SAS Software" Program Course Block for a total of 180 hours within full-time studies or 84 hours within part-time studies.

The **SAS - SGH Warsaw School of Economics Academic Specialization in Advanced Analytics – Big Data** Certificate is awarded to students enrolled at second cycle (master's degree) studies conducted at the Warsaw School of Economics who complete the "SAS Academic Specialization" Program Course Block and obtain the grade point average from the courses within abovementioned Program Course Block equal to or greater than 4.00.

- The Data Scientist with SAS Software Certificate is issued in paper form only and it has to be collected in person.
- The SAS - SGH Warsaw School of Economics Academic Specialization in Advanced Analytics – Big Data Certificate is issued in electronic form and sent to the email address indicated by a student as well as in paper form. The SAS - SGH Warsaw School of Economics Academic Specialization in Advanced Analytics – Big Data Certificate issued in paper form has to be collected in person.
- The documentation required for obtaining the Certificate/Certificates, i.e. a list of grades obtained from academic courses being part of the Program Course Block, approved by the DEAN'S OFFICE OF MASTER STUDIES, has to be submitted by students in September or October.

  Information on the processing of personal data related to persons who are Graduates of the „Data Analysis with SAS Software" or SAS Academic Specialization Program Course Blocks by co-administrators.

- The documentation has to be sent to Ms Olga Momot, MSc (email: omomot@sgh.waw.pl).
- The documentation has to be sent from a SGH e-mail address. However, an alternative e-mail address should be provided as well.
- The Certificate preparation process takes approximately two months.
- Information on the date of Certificate issuance will be posted on the website of the Statistical Methods & Business Analytics Unit.

Coordinator: Wioletta Grzenda, PhD, Associate Professor
email: wgrzend@sgh.waw.pl

Program Course Block „Data Analysis with SAS Software" and list of courses constituing the „SAS Academic Specialization".

1. Basic and Advanced Programming in SAS with Statistics – 30 hours (full-time studies) or 14 hours (part-time studies)
2. Categorical data analysis – 30 hours (full-time studies) or 14 hours (part-time studies)
3. Duration analysis – 30 hours (full-time studies) or 14 hours (part-time studies)
4. Data Mining – 30 hours (full-time studies) or 14 hours (part-time studies)
5. Advanced Business Analytics, Data Imputation Techniques – 30 hours (full-time studies) or 14 hours (part-time studies)
6. Credit Scoring – business process automation – 30 hours (full-time studies) or 14 hours (part-time studies)

Attention: Persons willing to obtain the Data Scientist with SAS Software Certificate in September or October 2024 may provide the grades from the following courses: *Categorical Data Analysis, Duration Analysis* and *Advanced Business Analytics, Data Imputation Techniques*

instead of providing the grades from the respective following courses: *Logistic Regression with SAS, Event History Analysis with SAS* and *Advanced Business Analytics – Power of Predictive Modeling*.